

APPLICANT:	Tang, Y. Tom
APPLICANT:	Liu, Chenghua
APPLICANT:	Asundi, Vinod
APPLICANT:	Zhang, Jie
APPLICANT:	Ren, Feiyan
APPLICANT:	Chen, Rui-hong
APPLICANT:	Zhao, Qing A.
APPLICANT:	Wehrman, Tom
APPLICANT:	Xue, Aidong J.
APPLICANT:	Yang, Yonghong
APPLICANT:	Wang, Jian-Rui
APPLICANT:	Zhou, Ping

US-09-363-316B-23
; Sequence 23, Application US/09363316B
; Patent No. 6392019
; GENERAL INFORMATION:
; APPLICANT: Ford, John
; APPLICANT: Yeung, George
; TITLE OF INVENTION: EGF MOTIF PROTEIN MATERIALS AND METHODS
; FILE OF INVENTION: 28110/35952
; CURRENT APPLICATION NUMBER: US/09/363.316B
; CURRENT FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: US 09/249,697
; PRIOR FILING DATE: 1999-02-12
; PRIOR APPLICATION NUMBER: US 08/968,800
; PRIOR FILING DATE: 1997-11-22
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 23
; LENGTH: 2365
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (205)..(1863)
US-09-363-316B-23

Query Match 96.3%; Score 2176.6; DB 4; Length 2365;
Best Local Similarity 99.0%; Pred. No. 0;
Matches 2235; Conservative 3; Mismatches 15; Indels 5; Gaps 5;

Qy	668	TGCTCTGTTAAAGTCAATCTGCTCCTCAATCGAAGATGTGTGAACACATTTGGAAGCTA	727
Db	738	TGCTCTGTTAAAGTCAATCTGCTCCTCAATCGAAGATGTGTGAACACATTTGGAAGCTA	797
Qy	728	CTACTCGAATGTCACATTTGCTTGAAGTCAATATATATCATGTGACGATATGACTGTAT	787
Db	798	CTACTCGAATGTCACATTTGCTTGAAGTCAATATATATCATGTGACGATATGACTGTAT	857
Qy	788	AGATATAAATGAATGATCTATGATAGCCATACGTGCGAGCCACCATGCTTCAATTTGCTCAA	847
Db	858	AGATATAAATGAATGATCTATGATAGCCATACGTGCGAGCCACCATGCTTCAATTTGCTCAA	917
Qy	848	TACCCAGGGTCTTCAAGTGTAAATGCAAGCAGGATATTAAGCAATGCACTTCGGTG	907
Db	918	TACCCAGGGTCTTCAAGTGTAAATGCAAGCAGGATATTAAGCAATGCACTTCGGTG	977
Qy	908	TTCTGCTATCCCTGAAAAATTTCTGTAAGGAAGTCTCTCAGAGCACCTGTGATCAATCAAGA	967
Db	978	TTCTGCTATCCCTGAAAAATTTCTGTAAGGAAGTCTCTCAGAGCACCTGTGATCAATCAAGA	1037
Qy	968	CAGATCAAGAGTTGCTTGTCTCAAAAAAAGCATGATGAAAAAGGAGGCAAAAAATTAATA	1027
Db	1038	CAGATCAAGAGTTGCTTGTCTCAAAAAAAGCATGATGAAAAAGGAGGCAAAAAATTAATA	1097
Qy	1028	TGTTACCCAGAACCCACCCAGGACTCTACCCCTAAGGTGAACCTTGACGCCCTTCAACTA	1087
Db	1098	TGTTACCCAGAACCCACCCAGGACTCTACCCCTAAGGTGAACCTTGACGCCCTTCAACTA	1157
Qy	1088	TGAAGAGATAGTTTTCAGAGGCGGGAACCTCTCATGGAGTTAAAAAGGGAATGAAGAG-A	1146
Db	1158	TGAAGAGATAGTTTTCAGAGGCGGGAACCTCTCATGGAGTTAAAAAGGGAATGAAGAGAA	1217
Qy	1147	AATGAAGAGGGCTTGAGATGAGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG	1206
Db	1218	AATGAAGAGGGCTTGAGATGAGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG	1277
Qy	1207	GGAGCGAAGCCTCGAGGAGATGTGTGTTTTCCCTAAGGTGAATGAAGCAGGTGAATTCGG	1266
Db	1278	GGAGCGAAGCCTCGAGGAGATGTGTGTTTTCCCTAAGGTGAATGAAGCAGGTGAATTCGG	1337
Qy	1267	CTGTGTTCTGTTCCAAAGGAAGCGTAACTTCCAAACTGGAACATAAAGATTAAATAT	1326
Db	1338	CTGTGTTCTGTTCCAAAGGAAGCGTAACTTCCAAACTGGAACATAAAGATTAAATAT	1397
Qy	1327	CTCGGTTGATGTCAGCTTCAATCATGGGATCTGTGATCTGGAACAGGATAGAGAGATGA	1386
Db	1398	CTCGGTTGATGTCAGCTTCAATCATGGGATCTGTGATCTGGAACAGGATAGAGAGATGA	1457
Qy	1387	TTTTGACTGMAATCCTGCTGATCGAGATATGCTATTGGCTTCTATATGGCAGTTCCGGC	1446
Db	1458	TTTTGACTGMAATCCTGCTGATCGAGATATGCTATTGGCTTCTATATGGCAGTTCCGGC	1517
Qy	1447	CTTTGGCAGGTCAACAAGAAAGACATTTGGCCGATTTGAAACTTCTCTCTACCTGCAACC	1506
Db	1518	CTTTGGCAGGTCAACAAGAAAGACATTTGGCCGATTTGAAACTTCTCTCTACCTGCAACC	1577
Qy	1507	CCAAAGCACTTCTGTTGCTTTGATTAACGGCTGGCCGAGAGACAAAGTCGGGAACT	1566
Db	1578	CCAAAGCACTTCTGTTGCTTTGATTAACGGCTGGCCGAGAGACAAAGTCGGGAACT	1637
Qy	1567	TCGAGTGTGTTGAAAAAAGATGAACTGCTGCGATGGGAGAGAGACACGAGTGAGGA	1626
Db	1638	TCGAGTGTGTTGAAAAAAGATGAACTGCTGCGATGGGAGAGAGACACGAGTGAGGA	1697
Qy	1627	TGAAAGTGAAGACAGGGAATAATTCAGTTGTATCAAGGAACTGATGCTAACAAAGCAT	1686
Db	1698	TGAAAGTGAAGACAGGGAATAATTCAGTTGTATCAAGGAACTGATGCTAACAAAGCAT	1757
Qy	1687	CATTTTTTGAAGCAGAGACGTGGCAAGGCAAAACCGGCAAAATCGCAGTGGATGGGCTCTT	1746
Db	1758	CATTTTTTGAAGCAGAGACGTGGCAAGGCAAAACCGGCAAAATCGCAGTGGATGGGCTCTT	1817
Qy	1747	GCTTGTTCAGGCTTATGTCCAGATAGCCTTTTATCTGTGGGATGATGAAATGTTACTATC	1806

1818	DB	GCCTGTTTCAGGCTTATGTCCAGATAGCCTTTATCTGTGGATGACTGAAATGTTACTATC	1877
1807	QY	TTTATATTGACTTTGTATGTCAGTTCCTCGTGTGTTTTTGTGATTTGCAATCATAGGACCTC	1866
1878	DB	TTTATATTGACTTTGTATGTCAGTTCCTCGTGTGTTTTTGTGATTTGSAATCATAGGACCTC	1937
1867	QY	TGGCATTTTAGAAATTACT-AGCTGAAAAAATGTAAATGTATGTAACCAACAGAAA-TATTATTGTA	1924
1938	DB	TGGCATTTTAAAAATTACTAAGCTGAAAAAATGTAAATGTACCAACAGAAATTTATTATTGTA	1997
1925	QY	AGATGCCCTTCTTGTAAGAATATGCCAAATATTGCTTTTAAATATCATATCACTGTATCT	1984
1998	DB	AGATGCCCTTTTGTATGAAGATATGCCAAATATTGCTTTTAAATATCATATCACTGTATCT	2057
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2058	DB	TCTCAGTCATTCTCGAATCTTTCCACATATATATAAAATATGAAATGTACAGTTTAT	2117
2044	QY	CTCCCTCCTCNGTATATCTCGAATTTGTATANGTATGATGCTTCTCTCTACACAT	2103
2118	DB	CTCCCTCCTCAGTATATCTGAATTTGTATAGTAAGTTGATGAGCTTCTCTCTGCAACAT	2177
2104	QY	TTCTAGAAAAATAGAAAAAAGCACAGAGAAATGTTTAACTGTTTGACTCTTATGAACT	2163
2178	DB	TTCTAGAAAAATAGAAAAAAGCACAGAGAAATGTTTAACTGTTTGACTCTTATGATAGT	2237
2164	QY	TCTTGGAAACTATGACATCAAGAATAGACTTTTGCTCTAGTGGCTTACTGGGCTTTTCA	2223
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RESULT 4

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US-09-249-697A-5
; Sequence 5, Application US/09249697A
; Patent No. 6392018
; GENERAL INFORMATION:
; APPLICANT: Ford, John
; APPLICANT: Yeung, George
; TITLE OF INVENTION: NOVEL EGF MOTIF PROTEIN OBTAINED FROM A CDNA LIBRARY OF FETAL
; TITLE OF INVENTION: LIVER SPLEEN
; FILE REFERENCE: 24011-727
; CURRENT APPLICATION NUMBER: US/09/249,697A
; CURRENT FILING DATE: 1999-02-12
; PRIOR APPLICATION NUMBER: US 08/968,800
; PRIOR FILING DATE: 1997-11-22
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 5
; LENGTH: 2365
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (205)...(1866)
US-09-249-697A-5

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Query Match 96.2%; Score 2174.6; DB 4; Length 2365;
Best Local Similarity 98.9%; Pred. No. 0;
Matches 2233; Conservative 4; Mismatches 16; Indels 5; Gaps 5;

8	GTGGGTGCGA	GTGAGCGGAGGACCCGAGCGGCTGTAGAGAGAGAGCGCGCGCTTACG	67
78	GTAAC	TGCGAGTGGAGCGGAGGACCCGAGCGGCTGTAGAGAGAGAGCGCGCGCTTACG	137
68	TGCTACGGGGT	CGCGCGCGCGGCTCCCGAGGGGGGCTCAGAGAGAGAAAGAGAGACCGG	127
138	TGCTACGGGGT	CGCGCGCGGCTCCCGAGGGGGGCTCAGAGAGAGAAAGAGAGACCGG	197

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678 TCATCTCCAGGACCTCCGCTGGCCCAATGGAGAGACTGCTAGATATTGATGATG 737
668 TCCCTCTGGTAAAGTCATCTGTCCCTACAAATCGAAGATGTGTGAACACATTTGGAAGCTA 727
738 TGCCTCTGGTAAAGTCATCTGTCCCTACAAATCGAAGATGTGTGAACACATTTGGAAGCTA 797
728 CTACTGCAAAATGTCACATTTGGTTTGGAACTCGAATATATCATGTGCGACGATATGACTGTAT 787
798 CTACTGCAAAATGTCACATTTGGTTTGGAACTCGAATATATCATGTGCGACGATATGACTGTAT 857
788 AGATATAAATGAATGTATATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 847
858 AGATATAAATGAATGTATATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 917
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1028 TGTTACCCAGAACCCACAGGACCTTACCCCTTAAGGTGAATTTGAGGCCCTTCAACTA 1087
1098 TGTTACCCAGAACCCACAGGACCTTACCCCTTAAGGTGAATTTGAGGCCCTTCAACTA 1157
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1158 TGAAGAGATAGTTTCAGAGGGGGAATCTCATGAGGTAAAGGAATGAGAG-A 1217
1147 AATGAAGAGGGGCTTGAGGATGAGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1206
1218 AATGAAGAGGGGCTTGAGGATGAGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1277
1207 GGAGGAGAGCTCGAGAGAGATGTGTTTCCCTAAGGTGAATGAGCAGGTGAATTCGG 1266
1278 GGAGGAGAGCTCGAGAGAGATGTGTTTCCCTAAGGTGAATGAGCAGGTGAATTCGG 1337
1267 CTGTATTCGTCCAAAGGAAGCGCTAACTTCCAAAGCTGGAACATAAAGATTTAAATAT 1326
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1387 TTTTGTAGTGAATCTGTGATGCGAGATATGCTATTGCTTCTATATGGCAGTTCCGGC 1446
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1447 CTGGCAGGTCAAGAAAGACATTTGGCGATTTGAAACTTCTCTACCTGACCTGCAACC 1506
1518 CTGGCAGGTCAAGAAAGACATTTGGCGATTTGAAACTTCTCTACCTGACCTGCAACC 1577
1507 CGAAGCAACTTCTGTCTCTTTGATTTACCGGTGCGCGAGACAAAGTCGGGAACCT 1566
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1638 TCAGGTGTTTGTGAAAAACAGTAAACAATCCCTGGCATGGGAGAGACCAAGTGAAGGA 1697
1627 TGAAGGTGAAGACAGGAAAAATTCAGTTGTATTCAGGAATGTATGCTACCAAAAGCAT 1686
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1758 CATTTTGAAGCAGACGTTGGCAAGGGCAAAAACCGCGAAATCCGAGTGGATGGCGCTCTT 1817
1747 GCTTGTTCAGGCTTATGTCAGATAGCTTTTATCTGTGATGACTGAATGTTACTATC 1806
1818 GCTTGTTCAGGCTTATGTCAGATAGCTTTTATCTGTGATGACTGAATGTTACTATC 1877
1807 TTTATATTGACTTTGATGTGCTGAGTTCCTCGGTTTTTTTGGATATTGCATCATAGGACCTC 1866
1878 TTTATATTGACTTTGATGTGCTGAGTTCCTCGGTTTTTTTGGATATTGCATCATAGGACCTC 1937
1867 TGGCATTTTAGAATTACT-AGCTGAAAAATTTAAATGTACCAACAGAAAT-TATTATTGTA 1924
1938 TGGCATTTTAAATTTACTAAAGCTGAAAAATTTGAAATGTACCAACAGAAATTTATTGTA 1997
1925 AGATGCCCTTTCTGTATAAGATATGCCAAATATTGCTTTTAAATATCATATCACTGTATCT 1984
1998 AGATGCCCTTTTGTATAAGATATGCCAAATATTGCTTTTAAATATCATATCACTGTATCT 2057
1985 TCTCAGTCATTTCTGAAATCTTTCCNCAATTTATTAATAATNTGGAAANGTCA-GTTTTAT 2043
2058 TCTCAGTCATTTCTGAAATCTTTCCNCAATTTATTAATAATNTGGAAANGTCA-GTTTTAT 2117
2044 CTCCCTCTCCNGTATATCTGATTTGTATANGTGTGATGCTTCTCTCTACCAAT 2103
2118 CTCCCTCTCTCAGTATATCTGATTTGTATAGTAAAGTGTGATGAGCTTCTCTCTGCAACAT 2177
2104 TTCTAGAAAAATAGAAAAAAGCAGAGAAATGTTTAACTGTTTGAATCTCTTATGATCT 2163
2178 TTCTAGAAAAATAGAAAAAAGCAGAGAAATGTTTAACTGTTTGAATCTCTTATGATAGT 2237
2164 TCTTGGAACCTATGACATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGGTCTTTCA 2223
2238 TTTTGGAACCTATGACATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGGTCTTTCA 2297
2224 TAGCCAAACTTGTATATT-AAATCTTTGTAADAA 2260
2298 TAGCCAAACTTGTATATTAAATCTTTGTAADAA 2335

Search completed: June 15, 2004, 01:05:18
Job time : 172 secs

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: June 15, 2004, 01:05:24 ; Search time 21 Seconds
(without alignments)
838.082 Million cell updates/sec

Title: US-10-017-191A-119
Perfect score: 1931
Sequence: 1 MFLPWSLALPLLSWVAGGF.....EEIVSRGNSHGKKGNEEK 338

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 141681 seqs, 52070155 residues

Total number of hits satisfying chosen parameters: 0

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 80%
Maximum Match 100%
Listing first 65000 summaries

Database : SwissProt_42.*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description

No matches found

Search completed: June 15, 2004, 03:35:10
Job time : 23 secs

GenCore version 5.1.6
Copyright (c) 1993 - 2004 CompuGen Ltd.

OM nucleic - nucleic search, using sw model

Run on: June 14, 2004, 20:37:27 ; Search time 890 Seconds

(without alignments)
10910.145 Million cell updates/sec

Title: US-10-017-191A-118

Perfect score: 2260

Sequence: 1 cggacgctgggtggagtg.....ttaattcttgaataataa 2260

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 1.0

Searched: 3373863 seqs, 2124099041 residues

Total number of hits satisfying chosen parameters: 63

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 80%

Maximum Match 100%

Listing first 65000 summaries

Database : N Geneseq 29Jan04:*

1: geneseqm1980s:*

2: geneseqm1990s:*

3: geneseqm2000s:*

4: geneseqm2001as:*

5: geneseqm2001bs:*

6: geneseqm2002s:*

7: geneseqm2003as:*

8: geneseqm2003bs:*

9: geneseqm2003cs:*

10: geneseqm2004s:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	2253	99.7	2260	2	Aaz33991 Human PRO
2	2253	99.7	2260	3	Aac78484 Human PRO
3	2253	99.7	2260	3	Aaa49718 Human PRO
4	2253	99.7	2260	3	Aaa75686 CDNA clon
5	2253	99.7	2260	7	Ac42824 Novel hum
6	2253	99.7	2260	7	Ac63559 Novel hum
7	2253	99.7	2260	7	Ac63559 Human sec
8	2253	99.7	2260	7	Ac63559 CDNA enco
9	2253	99.7	2260	8	Ac63559 Human CDN
10	2253	99.7	2260	8	Ac63559 Novel hum
11	2253	99.7	2260	8	Ac63559 Novel hum
12	2253	99.7	2260	8	Ac63559 Human CDN
13	2253	99.7	2260	8	Ac63559 Novel hum
14	2253	99.7	2260	9	Ac63559 Human PRO
15	2253	99.7	2260	9	Ac63559 Human CDN
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20	2253	99.7	2260	9	Ac63559 Human CDN
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25	2253	99.7	2260	9	ADC62150	Human CDN
26	2253	99.7	2260	9	ADC41783	Human CDN
27	2253	99.7	2260	9	ADC49152	Human CDN
28	2253	99.7	2260	9	ADC36206	Human CDN
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31	2253	99.7	2260	9	ADD72293	Human CDN
32	2253	99.7	2260	9	ADD16944	Human CDN
33	2253	99.7	2260	10	ADB48452	Human CDN
34	2253	99.7	2260	10	ADB89553	Human CDN
35	2219.2	98.2	2398	6	ABT07743	Breast ca
36	2219.2	98.2	2398	7	ABT07743	Breast ca
37	2219.2	98.2	2398	7	ABT07743	Breast ca
38	2219.2	98.2	2398	9	ABT07743	Breast ca
39	2219.2	98.2	2398	9	ABT07743	Breast ca
40	2216	98.1	2398	4	AAK94555	Human ful
41	2206.2	97.6	2413	4	AAI58312	Human pol
42	2206.2	97.6	2413	6	AAI43906	Human EGF
43	2206.2	97.6	2413	7	ABX14784	Novel hum
44	2206.2	97.6	2413	8	ACD25947	Novel epi
45	2206.2	97.6	2413	8	ADB48279	Novel hum
46	2205	97.6	2276	4	AAK66891	Human EXM
47	2177	96.3	2365	7	ABX14779	cdNA enco
48	2176.6	96.3	2365	6	AAI43901	Human EGF
49	2176.6	96.3	2365	6	AAI43901	Human EGF
50	2176.6	96.3	2365	8	ACD25942	Epidermal
51	2174.6	96.2	2365	2	AAK79501	CDNA inse
52	2174.6	96.2	2365	6	AAI43890	Human EGF
53	2174.6	96.2	2365	6	AAI43890	Human EGF
54	2174.6	96.2	2365	7	ABX14768	cdNA enco
55	2174.6	96.2	2365	8	ACD25931	Epidermal
56	2170.6	96.0	2345	6	AAI43905	Human EGF
57	2170.6	96.0	2345	7	ABX14783	Novel hum
58	2170.6	96.0	2345	8	ACD25946	Novel epi
59	2155.6	95.4	2360	6	AAI43904	Human EGF
60	2155.6	95.4	2360	7	ABX14782	Novel hum
61	2155.6	95.4	2360	8	ACD25945	Novel epi
62	1883.2	83.3	2238	4	AAH98336	Human EST
63	1883.2	83.3	2238	4	AAI60098	Human pol

ALIGNMENTS

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ID	AAZ33991 standard; cDNA; 2260 BP.
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AC	AAZ33991;
XX	
DT	07-DEC-1999 (first entry)
XX	
DE	Human PRO320 nucleotide sequence.
XX	
KW	Human; PRO; EST; expressed sequence tag; PCR primer; hybridisation;
KW	probe; blood coagulation disorder; cancer; cellular adhesion disorder;
XX	secreted protein; transmembrane protein; ss.
XX	
OS	Homo sapiens.
XX	
PN	WO9946281-A2.
XX	
PD	16-SEP-1999.
XX	
PF	08-MAR-1999;
XX	
PR	10-MAR-1998;
PR	98US-0077450P.
PR	11-MAR-1998;
PR	98US-0077632P.
PR	11-MAR-1998;
PR	98US-0077641P.
PR	11-MAR-1998;
PR	98US-0077649P.
PR	12-MAR-1998;
PR	98US-0077791P.
PR	13-MAR-1998;
PR	98US-0078004P.

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PR 17-MAR-1998; 98US-00040220.
PR 20-MAR-1998; 98US-0078886P.
PR 20-MAR-1998; 98US-0078930P.
PR 20-MAR-1998; 98US-0078936P.
PR 20-MAR-1998; 98US-0078939P.
PR 25-MAR-1998; 98US-0079294P.
PR 26-MAR-1998; 98US-0079656P.
PR 27-MAR-1998; 98US-0079663P.
PR 27-MAR-1998; 98US-0079664P.
PR 27-MAR-1998; 98US-0079689P.
PR 27-MAR-1998; 98US-0079728P.
PR 27-MAR-1998; 98US-0079786P.
PR 30-MAR-1998; 98US-0079920P.
PR 30-MAR-1998; 98US-0079923P.
PR 31-MAR-1998; 98US-0080105P.
PR 31-MAR-1998; 98US-0080107P.
PR 31-MAR-1998; 98US-0080155P.
PR 31-MAR-1998; 98US-0080194P.
PR 01-APR-1998; 98US-0080327P.
PR 01-APR-1998; 98US-0080328P.
PR 01-APR-1998; 98US-0080333P.
PR 01-APR-1998; 98US-0080334P.
PR 08-APR-1998; 98US-0081049P.
PR 08-APR-1998; 98US-0081070P.
PR 09-APR-1998; 98US-0081071P.
PR 09-APR-1998; 98US-0081120P.
PR 09-APR-1998; 98US-0081203P.
PR 15-APR-1998; 98US-0081229P.
PR 15-APR-1998; 98US-0081817P.
PR 15-APR-1998; 98US-0081838P.
PR 15-APR-1998; 98US-0081952P.
PR 15-APR-1998; 98US-0081955P.
PR 21-APR-1998; 98US-0082568P.
PR 21-APR-1998; 98US-0082569P.
PR 22-APR-1998; 98US-0082700P.
PR 22-APR-1998; 98US-0082704P.
PR 23-APR-1998; 98US-0082804P.
PR 23-APR-1998; 98US-0082767P.
PR 23-APR-1998; 98US-0082796P.
PR 27-APR-1998; 98US-0083336P.
PR 28-APR-1998; 98US-0083342P.
PR 29-APR-1998; 98US-0083392P.
PR 29-APR-1998; 98US-0083495P.
PR 29-APR-1998; 98US-0083496P.
PR 29-APR-1998; 98US-0083499P.
PR 29-APR-1998; 98US-0083500P.
PR 29-APR-1998; 98US-0083545P.
PR 29-APR-1998; 98US-0083554P.
PR 29-APR-1998; 98US-0083558P.
PR 29-APR-1998; 98US-0083559P.
PR 30-APR-1998; 98US-0083742P.
PR 05-MAY-1998; 98US-0084366P.
PR 06-MAY-1998; 98US-0084414P.
PR 07-MAY-1998; 98US-0084441P.
PR 07-MAY-1998; 98US-0084598P.
PR 07-MAY-1998; 98US-0084600P.
PR 07-MAY-1998; 98US-0084627P.
PR 07-MAY-1998; 98US-0084637P.
PR 07-MAY-1998; 98US-0084639P.
PR 07-MAY-1998; 98US-0084640P.
PR 07-MAY-1998; 98US-0084643P.
PR 13-MAY-1998; 98US-0085323P.
PR 13-MAY-1998; 98US-0085338P.
PR 13-MAY-1998; 98US-0085339P.
PR 15-MAY-1998; 98US-0085573P.
PR 15-MAY-1998; 98US-0085579P.
PR 15-MAY-1998; 98US-0085580P.
PR 15-MAY-1998; 98US-0085582P.
PR 15-MAY-1998; 98US-0085689P.
PR 15-MAY-1998; 98US-0085697P.
PR 15-MAY-1998; 98US-0085700P.
PR 15-MAY-1998; 98US-0085704P.
PR 18-MAY-1998; 98US-0085023P.

PR 22-MAY-1998; 98US-0086392P.
PR 22-MAY-1998; 98US-0086414P.
PR 22-MAY-1998; 98US-0086430P.
PR 22-MAY-1998; 98US-0086486P.
PR 28-MAY-1998; 98US-0087098P.
PR 28-MAY-1998; 98US-0087106P.
PR 28-MAY-1998; 98US-0087208P.
PR 30-JUL-1998; 98US-0094511P.
PR 11-SEP-1998; 98US-0100038P.
XX (GETH ) GENENTECH INC.
XX
XX Wood WI, Goddard A, Gurney A, Yuan J, Baker KP, Chen J;
XX
XX WPI; 1999-551358/46.
XX P-PSDB; AAY41702.
XX
XX New secreted and transmembrane polypeptides and their polynucleotides,
XX useful for treating blood coagulation disorders, cancers and cellular
XX adhesion disorders.
XX
XX Claim 2; Fig 44; 530pp; English.
XX
XX The present invention describes secreted and transmembrane polypeptides
XX and their polynucleotides. The nucleotide sequences are useful as sources
XX of probes, primers, for chromosome mapping, and for generation of
XX antisense sequences. They can also be used to create transgenic animals.
XX The proteins can be used to treat a variety of diseases and disorders,
XX depending on their function. Diseases that may be treated include blood
XX coagulation disorders, cancers and cellular adhesion disorders. They may
XX also be used to raise antibodies. AAZ33891 to AAZ34338, and AAY41685 to
XX AA41774 represent polynucleotide and polypeptide sequence given in the
XX exemplification of the present invention
XX
SQ Sequence 2260 BP; 659 A; 458 C; 568 G; 568 T; 0 U; 7 Other;

Query Match 99.7%; Score 2253; DB 2; Length 2260;
Best Local Similarity 100.0%; Pred No. 0;
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGTGCGAGTGGAGCGGAGGACCGGAGCGGCTGAGGAGAGAGAGCGCGG 60
DB 1 CGGACGCGTGGGTGCGAGTGGAGCGGAGGACCGGAGCGGCTGAGGAGAGAGAGCGCGG 60
QY 61 GCTTAGCTGCTACGGGTCCGGCCGCGCCCTCCCGAGGGGGGCTCAGGAGAGAGAGGA 120
DB 61 GCTTAGCTGCTACGGGTCCGGCCGCGCCCTCCCGAGGGGGGCTCAGGAGAGAGAGGA 120
QY 121 GGACCCCGTGCAGAAATGCCTCTGCGCTGAGGCTTGCGCTCCCGTGTCTCTCTCTGG 180
DB 121 GGACCCCGTGCAGAAATGCCTCTGCGCTGAGGCTTGCGCTCCCGTGTCTCTCTCTGG 180
QY 181 TGGCAGGTGGTTCGGGAAACGGCGGCAGTGCAGGATCAAGGCTTGTAGCATCGGCAC 240
DB 181 TGGCAGGTGGTTCGGGAAACGGCGGCAGTGCAGGATCAAGGCTTGTAGCATCGGCAC 240
QY 241 GTCAGCCTGGGGTCTGTCACTATGGAACATAAAGTGCCTGCTGCTGCTGCTGCTGCTG 300
DB 241 GTCAGCCTGGGGTCTGTCACTATGGAACATAAAGTGCCTGCTGCTGCTGCTGCTGCTG 300
QY 301 ACAGCAGGGAGTCTGTGAGCTACATGGAACCTGGAATGTAAGTTGGTGGTGGTGG 360
DB 301 ACAGCAGGGAGTCTGTGAGCTACATGGAACCTGGAATGTAAGTTGGTGGTGGTGG 360
QY 361 GACCAAAACAAATCAGATGCTTTCCAGGATACACCGGAAACCTGCACTCAAGATGTA 420
DB 361 GACCAAAACAAATCAGATGCTTTCCAGGATACACCGGAAACCTGCACTCAAGATGTA 420
QY 421 ATGAGTGTGAATGAAACCCCGCCCATGCCACAGATGCTGTAATCACAACGAGACT 480
DB 421 ATGAGTGTGAATGAAACCCCGCCCATGCCACAGATGCTGTAATCACAACGAGACT 480
QY 481 ACAAGTGTCTTTGCTCAGTGGGCCACATGCTCATGTCAGATGCTACGTGTGTGAACCTTA 540
```

Db 481 ACAAGTCTTTTGCCTCAGTGGCCACATGCTCATGCCAGATGCTACGTGTGTGAACCTA 540
QY 541 GGCATGTGCCATGATAAATACTGTCACTACAGTGTGAAGACACAGAAAGGCGCACAGT 600
Db 541 GGCATGTGCCATGATAAATACTGTCACTACAGTGTGAAGACACAGAAAGGCGCACAGT 600
QY 601 GCTGTGTCCATCTCAGACATCCGCTGCGCCGCCCAATGGAAGACATGCTAGATATTG 660
Db 601 GCTGTGTCCATCTCAGACATCCGCTGCGCCGCCCAATGGAAGACATGCTAGATATTG 660
QY 661 ATGAATGTGCTCTGCTGAAGTCACTGCTCCCTACAATCGAAGATGTGTGAACACATTG 720
Db 661 ATGAATGTGCTCTGCTGAAGTCACTGCTCCCTACAATCGAAGATGTGTGAACACATTG 720
QY 721 GAAGCTACTACTGCAAAATGTCAATTGGTTTCCAACTGCAATATATCATCAGTGGAGATG 780
Db 721 GAAGCTACTACTGCAAAATGTCAATTGGTTTCCAACTGCAATATATCATCAGTGGAGATG 780
QY 781 ACTGTATAGATATAAATGAATGATGATGATGATGATGATGATGATGATGATGATGAT 840
Db 781 ACTGTATAGATATAAATGAATGATGATGATGATGATGATGATGATGATGATGATGAT 840
QY 841 GCTTCAATACCCAAAGGTCCTTCAAGTGAATGCAAGCAGGATATAAAGGCAATGGAC 900
Db 841 GCTTCAATACCCAAAGGTCCTTCAAGTGAATGCAAGCAGGATATAAAGGCAATGGAC 900
QY 901 TTCGCTGTCTGTATCCCTGCTGAATCTGTGAAGGATGCTCAGAGACCTGGTACCA 960
Db 901 TTCGCTGTCTGTATCCCTGCTGAATCTGTGAAGGATGCTCAGAGACCTGGTACCA 960
QY 961 TCAAGACAGAAATCAAGAAGTTGCTTGTCTCACAATAACAGCATGAAAAAGGACAAAA 1020
Db 961 TCAAGACAGAAATCAAGAAGTTGCTTGTCTCACAATAACAGCATGAAAAAGGACAAAA 1020
QY 1021 TTAATAATGTACCCAGAACCCACAGACCTCTACCCCTAAGTGTAACCTTGCAGCCCT 1080
Db 1021 TTAATAATGTACCCAGAACCCACAGACCTCTACCCCTAAGTGTAACCTTGCAGCCCT 1080
QY 1081 TCAACTATGAAGAGATAGTTTCCAGAGCGGGAATCTCATGGAGGTAAAAAGGGAATG 1140
Db 1081 TCAACTATGAAGAGATAGTTTCCAGAGCGGGAATCTCATGGAGGTAAAAAGGGAATG 1140
QY 1141 AAGAGAAATGAAGAGGCTTGAAGTGAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1200
Db 1141 AAGAGAAATGAAGAGGCTTGAAGTGAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1200
QY 1201 CATAGAGGAGCGAAGCTTGCAGAGAGATGTTTTCCTTAAGGTGAATGAAGCAGGTGA 1260
Db 1201 CATAGAGGAGCGAAGCTTGCAGAGAGATGTTTTCCTTAAGGTGAATGAAGCAGGTGA 1260
QY 1261 ATTCCGCTGATTTCTGGTCCAAAGGAAAGCGCTAATCTCCAACTGGAACATAAGATT 1320
Db 1261 ATTCCGCTGATTTCTGGTCCAAAGGAAAGCGCTAATCTCCAACTGGAACATAAGATT 1320
QY 1321 AATATCTCGTGTGACTGAGCTTCAATCATCGGATCTGTGACTGGAACAGGATAGAGA 1380
Db 1321 AATATCTCGTGTGACTGAGCTTCAATCATCGGATCTGTGACTGGAACAGGATAGAGA 1380
QY 1381 AGATGATTTTGAAGTGAATCTGCTGATCGAGATATGCTATTGGCTTCTATATGGCAGT 1440
Db 1381 AGATGATTTTGAAGTGAATCTGCTGATCGAGATATGCTATTGGCTTCTATATGGCAGT 1440
QY 1441 TCCGGCTTGGCAGGTCAAGAGAGACATTTGGCGGATGAACTCTCTACCTGACCT 1500
Db 1441 TCCGGCTTGGCAGGTCAAGAGAGACATTTGGCGGATGAACTCTCTACCTGACCT 1500
QY 1501 GCAACCCCAAGCAACTTCTGTTTGTCTTCTTGAATACCGCTGGCGGAGACAAAGTCGG 1560
Db 1501 GCAACCCCAAGCAACTTCTGTTTGTCTTCTTGAATACCGCTGGCGGAGACAAAGTCGG 1560
QY 1561 GAAACTTCAGTGTGTTGTGAATAAAGTGAACATGCAATGCCCTGGATGGGAGAGACCAAG 1620

Db 1561 GAAACTTCAGTGTGTTGTGAATAAAGCAGTAAACAATGCCCTGGCATGGGAGAGACCAAG 1620
QY 1621 TGAGGATGAAAAGTGGAAAGACAGAGGAAAATTCAGTTGTATCAAGGAACTGATGCTACCAA 1680
Db 1621 TGAGGATGAAAAGTGGAAAGACAGAGGAAAATTCAGTTGTATCAAGGAACTGATGCTACCAA 1680
QY 1681 AAGCATCATTTTGAAGCAGAACCTGGCAAGGCAAAACCGCGGAAATCCGAGTGGATGG 1740
Db 1681 AAGCATCATTTTGAAGCAGAACCTGGCAAGGCAAAACCGCGGAAATCCGAGTGGATGG 1740
QY 1741 CGTCTTGTCTTGTTCAGGCTTATGTCAGATAGCCTTTTATCTCTGGATGACTCAATGTT 1800
Db 1741 CGTCTTGTCTTGTTCAGGCTTATGTCAGATAGCCTTTTATCTCTGGATGACTCAATGTT 1800
QY 1801 ACTATCTTTATATTGACTTTTGTATGTCAGTCCCTGGTTTTTTTGTATTTGCAATCATAG 1860
Db 1801 ACTATCTTTATATTGACTTTTGTATGTCAGTCCCTGGTTTTTTTGTATTTGCAATCATAG 1860
QY 1861 GACCTCTGSCATTTTAGAATTAAGTACTAGCTGAAAAATTTGTAATGTACCAACAGAAATATTAT 1920
Db 1861 GACCTCTGSCATTTTAGAATTAAGTACTAGCTGAAAAATTTGTAATGTACCAACAGAAATATTAT 1920
QY 1921 TGTAAAGATGCTTTTCTGTATAAGATATGCCAATATTTGCTTTTAAATATCATATCACTGT 1980
Db 1921 TGTAAAGATGCTTTTCTGTATAAGATATGCCAATATTTGCTTTTAAATATCATATCACTGT 1980
QY 1981 ATCTTCTCAGTCAATTTCTGAATCTTCCNCATATATATATAAATNTGGAAANGTCAGTT 2040
Db 1981 ATCTTCTCAGTCAATTTCTGAATCTTCCNCATATATATATAAATNTGGAAANGTCAGTT 2040
QY 2041 TATCTCCCTCCTCNGTATATCTGATTTGTATGANGTGTGANGCTTCTCTCTACAA 2100
Db 2041 TATCTCCCTCCTCNGTATATCTGATTTGTATGANGTGTGANGCTTCTCTCTACAA 2100
QY 2101 CATTTCTAGAAATAGAAAAGAACACAGAGAAATGTTTAACTGTTTGACTCTTATGAT 2160
Db 2101 CATTTCTAGAAATAGAAAAGAACACAGAGAAATGTTTAACTGTTTGACTCTTATGAT 2160
QY 2161 ACTTCTTGAAACTATGACATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGGCTTT 2220
Db 2161 ACTTCTTGAAACTATGACATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGGCTTT 2220
QY 2221 TCATAGCCCAACTTCTATATTTAATCTTTGTAATAATAA 2260
Db 2221 TCATAGCCCAACTTCTATATTTAATCTTTGTAATAATAA 2260

RESULT 2
AAC78484
ID AAC78484 standard; cDNA; 2260 BP.
XX AAC78484;
AC AC
XX XX
DT DT
XX 08-FEB-2001 (first entry)
XX Human PRO320 (UNQ281) nucleotide sequence SEQ ID NO:118.
XX Human; secreted protein; transmembrane protein; PRO; EST; cytosstatic;
XX expressed sequence tag; detection; cancer; ss.
XX Homo sapiens.
XX WO200053756-A2.
XX 14-SEP-2000.
XX 18-FEB-2000; 2000WO-US004341.
XX 08-MAR-1999; 99WO-US005028.
PR 12-MAR-1999; 99US-0123957P.
PR 23-MAR-1999; 99US-0126773P.
PR 21-APR-1999; 99US-0130232P.
PR 28-APR-1999; 99US-0131445P.

Db	1441	TCGGCCCTTGGCAGGTCAAGAAGACATGGCCGATTGAACACTTCTCTCACTGACCT	1500
Qy	1501	GCAACCCAAAGCAACTCTGTGTCTTTGATTAACGGCTGGCCGGGACAAAAGTCGG	1560
Db	1501	GCAACCCAAAGCAACTCTGTGTCTTTGATTAACGGCTGGCCGGGACAAAAGTCGG	1560
Qy	1561	GAACCTCGAGTGTGTGAAAACAGTACAATGCCCTGGCATGGGAGAGACACGAG	1620
Db	1561	GAACCTCGAGTGTGTGAAAACAGTACAATGCCCTGGCATGGGAGAGACACGAG	1620
Qy	1621	TGAGGATGAAAAGTGGAAAGCAGGGAAAAATTCAGTTGTATCAAGGAACCTGATCTACCAA	1680
Db	1621	TGAGGATGAAAAGTGGAAAGCAGGGAAAAATTCAGTTGTATCAAGGAACCTGATCTACCAA	1680
Qy	1681	AAGCATCATTTTGAACGAGAACTGTGCCAAGGGCAAAACCGGGGAAATCCGATGGATGG	1740
Db	1681	AAGCATCATTTTGAACGAGAACTGTGCCAAGGGCAAAACCGGGGAAATCCGATGGATGG	1740
Qy	1741	CGTCTTCTGTGTTTCAGGCTTATGTGCCAGATAGCCTTTTATCTGTGATGACCTGAATGTT	1800
Db	1741	CGTCTTCTGTGTTTCAGGCTTATGTGCCAGATAGCCTTTTATCTGTGATGACCTGAATGTT	1800
Qy	1801	ACTATCTTTATATTTGACTTTGTATGTCAGTCCCTGGTTTTTTTGATATTCATCATAG	1860
Db	1801	ACTATCTTTATATTTGACTTTGTATGTCAGTCCCTGGTTTTTTTGATATTCATCATAG	1860
Qy	1861	GACCTCTGGCATTTTAGAATTTACTAGCTGAAAAATTTGTAATGTACCAACAGAAATATTAT	1920
Db	1861	GACCTCTGGCATTTTAGAATTTACTAGCTGAAAAATTTGTAATGTACCAACAGAAATATTAT	1920
Qy	1921	TGTAAGATGCCCTTCTTGTAAGATATGCCAATATTGCTTTTAAATATCATATCACTGT	1980
Db	1921	TGTAAGATGCCCTTCTTGTAAGATATGCCAATATTGCTTTTAAATATCATATCACTGT	1980
Qy	1981	ATCTCTTCAGTCATTTTCGATCTTCCNCAATATATATAAAATNTGGAANGTCAGTT	2040
Db	1981	ATCTCTTCAGTCATTTTCGATCTTCCNCAATATATATAAAATNTGGAANGTCAGTT	2040
Qy	2041	TATCTCCCTCCTCNGTATATCTGATTTGTATANGTANGTTGATGNGCTTCTCTCTACAA	2100
Db	2041	TATCTCCCTCCTCNGTATATCTGATTTGTATANGTANGTTGATGNGCTTCTCTCTACAA	2100
Qy	2101	CATTTCTAGAAAATPAGAAAAAGCAAGGAAATGTTTAACTGTTTGACTCTTATGAT	2160
Db	2101	CATTTCTAGAAAATPAGAAAAAGCAAGGAAATGTTTAACTGTTTGACTCTTATGAT	2160
Qy	2161	ACTTCTTTGGAAACTATGACATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGGTCCT	2220
Db	2161	ACTTCTTTGGAAACTATGACATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGGTCCT	2220
Qy	2221	TCATAGCCAACTTGTATATTAAATCTTTTGTAAATAATAA	2260
Db	2221	TCATAGCCAACTTGTATATTAAATCTTTTGTAAATAATAA	2260

RESULT 3

AAA49718
ID AAA49718 standard: cDNA: 2260 BP.

AA
AC
AAA49718;

2 XX

DT 25-SEP-2000 (first entry)

XX

DE Human PRO320 cDNA clone DNA32284-1307.

PRO320; human; antitumour; tumour; therapy; cytostatic; breast cancer;
 KW ovarian cancer; renal cancer; colorectal cancer; uterine cancer;
 KW prostate cancer; lung cancer; bladder cancer;
 KW central nervous system cancer; melanoma; leukaemia; neoplasm; ss.
 KW

Homo sapiens

XX

Key	Location/Qualifiers
CDS	135..1901
FT	/*tag= a
FT	135..197
FT	/*tag= b
FT	mat_peptide 198..1998
FT	/*tag= c
XX	
FN	WO200037638-A2.
XX	
PD	29-JUN-2000.
XX	
PF	02-DEC-1999; 99WO-US028555.
XX	
PR	22-DEC-1998; 98US-0113296P.
PR	08-MAR-1999; 99WO-US005028.
PR	21-APR-1999; 99US-0130232P.
PR	28-APR-1999; 99US-0131445P.
PR	14-MAY-1999; 98US-0134287P.
PR	20-JUL-1999; 99US-0144758P.
PR	26-JUL-1999; 99US-0145698P.
PR	15-SEP-1999; 99WO-US021090.
PR	15-SEP-1999; 99WO-US021547.
XX	
PA	(GETH) GENENTECH INC.
XX	
PI	Ashkenazi AJ, Goddard A, Godowski PJ, Gurney AL, Marsters SA;
PI	Napier KA, Pitti RM, Wood WI;
XX	
DR	WPI; 2000-442668/38.
DR	P-PSDB; AAY95339.
XX	
PT	Novel composition to inhibit neoplastic cell growth or for treating tumor
PT	in mammal comprises polypeptides PRO179, PRO207, PRO320, PRO219, PRO221,
PT	PRO224, PRO328, PRO301, PRO526, PRO362, PRO356, PRO509 or PRO866.
XX	
PS	Claim 20; Fig 5; 172pp; English.
XX	
CC	The present sequence is that of cDNA clone DNA32284-1307 (ATCC 209670)
CC	encoding human PRO320 (see AAY95339). The cDNA was isolated from a human
CC	fetal lung cDNA library by hybridisation (see AAA49735). A claimed
CC	method for inhibiting the growth of a tumour cell comprises exposing the
CC	tumour cell to PRO179, PRO320, PRO219, PRO221, PRO224, PRO328,
CC	PRO301, PRO526, PRO362, PRO356, PRO509 or PRO866 (see AAY95337-49), their
CC	agonists or chimeric polypeptides incorporating them. The tumour is
CC	especially a cancer selected from breast, ovarian, renal, colorectal,
CC	uterine, prostate, lung, bladder and central nervous system cancer,
CC	melanoma and leukaemia. Nucleic acids encoding PRO179 etc. are used in
CC	the recombinant production of the antitumour polypeptides
XX	
SQ	Sequence 2260 BP; 659 A; 458 C; 568 G; 568 T; 0 U; 7 Other;

Query Match 99.7%; Score 2253; DB 3; Length 2260;
 Best Local Similarity 100.0%; Pred.No. 0;
 Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

[illegible]

Db 241 GTGAGCTGGGGTCTGTGACATATGAACTAAACTGGCTCTCTACGGCTGGAGAAGAA 300
Qy 301 ACAGCAAGGAGTCTGTGAAGTACATGCGAACTCGATTAAGTTTGGTGTGAGTGGTGG 360
Db 301 ACAGCAAGGAGTCTGTGAAGTACATGCGAACTCGATTAAGTTTGGTGTGAGTGGTGG 360
Qy 361 GACCAAAATAATGAGATGCTTTCCAGGATACACCGGGAACCTGAGTCAAGATGGA 420
Db 361 GACCAAAATAATGAGATGCTTTCCAGGATACACCGGGAACCTGAGTCAAGATGGA 420
Qy 421 ATGAGTGTGGAATGAAACCCCGGCATGCGCAACACAGATGTGGAATACACCGGAAGCT 480
Db 421 ATGAGTGTGGAATGAAACCCCGGCATGCGCAACACAGATGTGGAATACACCGGAAGCT 480
Qy 481 ACAAGTCTTTTGGCTCAGTGGCCACATGCTCATGCCAGATGCTAGTGTGAACTCTA 540
Db 481 ACAAGTCTTTTGGCTCAGTGGCCACATGCTCATGCCAGATGCTAGTGTGAACTCTA 540
Qy 541 GGACATGGCCATGATAAATCTGTCAGTACAGCTGTGAAGACACAGAAAGAGGCCACAGT 600
Db 541 GGACATGGCCATGATAAATCTGTCAGTACAGCTGTGAAGACACAGAAAGAGGCCACAGT 600
Qy 601 GCCTGTGTCATCTCTCAGATCTCGCCCTGGCCCAATGGAAGAGACTGTCTAGATATTG 660
Db 601 GCCTGTGTCATCTCTCAGATCTCGCCCTGGCCCAATGGAAGAGACTGTCTAGATATTG 660
Qy 661 ATGAATGTGCTCTGTAAGTCACTGTCCCTCAATCGAGATGTGGAACACACATTTG 720
Db 661 ATGAATGTGCTCTGTAAGTCACTGTCCCTCAATCGAGATGTGGAACACACATTTG 720
Qy 721 GAAGTACTACTGCAAAATGTGCATTTGGTTTTCGAACCTGCAATATATCAGTGGACGATG 780
Db 721 GAAGTACTACTGCAAAATGTGCATTTGGTTTTCGAACCTGCAATATATCAGTGGACGATG 780
Qy 781 ACTGTATAGATATAAATGAATGTACTATGATAGCCATAGTGCAGCCACCATGCCAATT 840
Db 781 ACTGTATAGATATAAATGAATGTACTATGATAGCCATAGTGCAGCCACCATGCCAATT 840
Qy 841 GCTTCAATACCAAGGGTCTTCAAGTGTAAATCAAGCAGGGATATAAAGGCAATGGAC 900
Db 841 GCTTCAATACCAAGGGTCTTCAAGTGTAAATCAAGCAGGGATATAAAGGCAATGGAC 900
Qy 901 TTCGGTGTCTGCTATCCTGAAATCTGTGAAGAGTCTCTCAGAGCACCCTGGTACCA 960
Db 901 TTCGGTGTCTGCTATCCTGAAATCTGTGAAGAGTCTCTCAGAGCACCCTGGTACCA 960
Qy 961 TCAAGACAGAAATCAAGAGTTGCTTGTCTCAAAAAACAGATGAAAGAGGCAAAAA 1020
Db 961 TCAAGACAGAAATCAAGAGTTGCTTGTCTCAAAAAACAGATGAAAGAGGCAAAAA 1020
Qy 1021 TTAATAATGTTTACCCAGAACCCACAGACTCTTACCCCTAAGTGAATCTGAGCCCT 1080
Db 1021 TTAATAATGTTTACCCAGAACCCACAGACTCTTACCCCTAAGTGAATCTGAGCCCT 1080
Qy 1081 TCAACTATGAAGAGATAGTTTCCAGAGCGGGAATCTCTGAGAGTAAAGAGGAATG 1140
Db 1081 TCAACTATGAAGAGATAGTTTCCAGAGCGGGAATCTCTGAGAGTAAAGAGGAATG 1140
Qy 1141 AAGAGAAATGAAGAGGGGCTTGAAGATGAGAAAGAGAGAAAGCCCTGAAGATGA 1200
Db 1141 AAGAGAAATGAAGAGGGGCTTGAAGATGAGAAAGAGAGAAAGCCCTGAAGATGA 1200
Qy 1201 CATAGAGGAGCAAGCTGCGAGGAGATGTGTTTTCCCTAAGTGAATGAAGCAGTGA 1260
Db 1201 CATAGAGGAGCAAGCTGCGAGGAGATGTGTTTTCCCTAAGTGAATGAAGCAGTGA 1260
Qy 1261 ATTTCGGCTGATTTCTGGTCCAAAGGAAAGCGCTAATCTTCCAAACTGGAAACATAAAGATT 1320
Db 1261 ATTTCGGCTGATTTCTGGTCCAAAGGAAAGCGCTAATCTTCCAAACTGGAAACATAAAGATT 1320
Qy 1321 AATATCTCGTGTGATGTCAGCTTCAATCATCGGATCTGCTGCAACAGGATAGAGA 1380

Db 1321 AATATCTCGTGTGATGTCAGCTTCAATCATGGATCTGTGACTGGAACAGGATAGAGA 1380
Qy 1381 AGATGATTTTGAATCGGAATCTGCTGATCGAGATTAATGCTATTGGCTTCTATATGGCAGT 1440
Db 1381 AGATGATTTTGAATCGGAATCTGCTGATCGAGATTAATGCTATTGGCTTCTATATGGCAGT 1440
Qy 1441 TCCGGCTTGGCAGGTCACAAGAAAGACATTGGCCGATTTGAAACTTCTCTACCTGACCT 1500
Db 1441 TCCGGCTTGGCAGGTCACAAGAAAGACATTGGCCGATTTGAAACTTCTCTACCTGACCT 1500
Qy 1501 GCAACCCCAAGCAACTCTGTTTGTGATTAACCGGCTGGCCGGAGAGCAAAAGTCGG 1560
Db 1501 GCAACCCCAAGCAACTCTGTTTGTGATTAACCGGCTGGCCGGAGAGCAAAAGTCGG 1560
Qy 1561 GAAACTTCGAGTGTGTTGTGAAACACAGTAACATGCTGCGATGGAGAAACACACGAG 1620
Db 1561 GAAACTTCGAGTGTGTTGTGAAACACAGTAACATGCTGCGATGGAGAAACACACGAG 1620
Qy 1621 TGAGGATGAAAGTGAAGACAGGGAATTCAGTTGTATCAAGGAACTGTATGCTTACCAA 1680
Db 1621 TGAGGATGAAAGTGAAGACAGGGAATTCAGTTGTATCAAGGAACTGTATGCTTACCAA 1680
Qy 1681 AAGCATCATTTTGAAGCAGAACGTCGCAAGGCGCAAAACCGCAGTGGATGG 1740
Db 1681 AAGCATCATTTTGAAGCAGAACGTCGCAAGGCGCAAAACCGCAGTGGATGG 1740
Qy 1741 CGTCTTCTGTTTTCAGGCTTATGTCAGATAGCCCTTTTATCTGTGGATGACTGATGTT 1800
Db 1741 CGTCTTCTGTTTTCAGGCTTATGTCAGATAGCCCTTTTATCTGTGGATGACTGATGTT 1800
Qy 1801 ACTATCTTATATTTGACTTTGATGTCAGTTCCTGCTGCTGCTTTTATGATATGCACTAG 1860
Db 1801 ACTATCTTATATTTGACTTTGATGTCAGTTCCTGCTGCTGCTTTTATGATATGCACTAG 1860
Qy 1861 GACCTCTGGCATTTTGAATTTACTAGCTGAAATTTGTAATGTACCAACAGAAATATTAT 1920
Db 1861 GACCTCTGGCATTTTGAATTTACTAGCTGAAATTTGTAATGTACCAACAGAAATATTAT 1920
Qy 1921 TGTAAAGTGGCTTCTGTTATAGATATGCCATATTTGCTTTTAAATATCATATCACTGT 1980
Db 1921 TGTAAAGTGGCTTCTGTTATAGATATGCCATATTTGCTTTTAAATATCATATCACTGT 1980
Qy 1981 ATCTTCTCAGTCAATTTCTGAAATCTTCCNCATTTATATATAAATNGGAAANGTCAGTT 2040
Db 1981 ATCTTCTCAGTCAATTTCTGAAATCTTCCNCATTTATATATAAATNGGAAANGTCAGTT 2040
Qy 2041 TATCTCCCTCTCCTGCTGATATCTGATTTGTATANGTGTGATGCTTCTCTACAA 2100
Db 2041 TATCTCCCTCTCCTGCTGATATCTGATTTGTATANGTGTGATGCTTCTCTACAA 2100
Qy 2101 CATTTCTAGAAATAGAAAAAAGCAGAGAAATGTTTAACTGTTTGACTTCTTATGAT 2160
Db 2101 CATTTCTAGAAATAGAAAAAAGCAGAGAAATGTTTAACTGTTTGACTTCTTATGAT 2160
Qy 2161 ACTTCTTGGAAACTATGACATCAAGATAGACTTTTGGCTTAAAGTGGCTTAGCTGGTCTT 2220
Db 2161 ACTTCTTGGAAACTATGACATCAAGATAGACTTTTGGCTTAAAGTGGCTTAGCTGGTCTT 2220
Qy 2221 TCATAGCCAAACTGTATATTAACTTTTGTAAATAATA 2260
Db 2221 TCATAGCCAAACTGTATATTAACTTTTGTAAATAATA 2260

RESULT 4

AAA75686

ID AAA75686 standard; cDNA; 2260 BP.

XX AAA75686;

AC AAA75686;

XX 22-JAN-2001 (first entry)

XX cDNA clone DNA32284-1307 encoding a PRO320 polypeptide.

DE

XX

1321	DB	AAATATCTCGGTTGACTGCAGCTTCAATCATGGGATCTGACTGGAACAGGATAGAGA	1380
1381	QY	AGATGATTTTTGACTGGAATCCTTGCTGATCGAGATAATGCTATTGGCTTCTATATGGCAGT	1440
1381	DB	AGATGATTTTTGACTGGAATCCTTGCTGATCGAGATAATGCTATTGGCTTCTATATGGCAGT	1440
1441	QY	TCGGCCCTGGCAGGTCACAAGAAAGACATTTGGCCGATTTGAACTTCTCCTACCTGACCT	1500
1441	DB	TCGGCCCTGGCAGGTCACAAGAAAGACATTTGGCCGATTTGAACTTCTCCTACCTGACCT	1500
1501	QY	GCAACCCCAAGCAACTTCTGTTGCTCTTTGATTACCGCTGCGCGAGACAAAGTCGG	1560
1501	DB	GCAACCCCAAGCAACTTCTGTTGCTCTTTGATTACCGCTGCGCGAGACAAAGTCGG	1560
1561	QY	GAACTTCGAGTGTGTTGTGAAAAACAGTAAACAATGCCCTGCGATGGGAGAACCAACGAG	1620
1561	DB	GAACTTCGAGTGTGTTGTGAAAAACAGTAAACAATGCCCTGCGATGGGAGAACCAACGAG	1620
1621	QY	TGAGGATGAAAGCTGGAAGACAGGAGAAAATTCAGTTGTATCAAGGAACCTGATCTACCAA	1680
1621	DB	TGAGGATGAAAGCTGGAAGACAGGAGAAAATTCAGTTGTATCAAGGAACCTGATCTACCAA	1680
1681	QY	AAGCATCATTTTTGAAGCAGACGTTGGCAGGCAAAACCGGGAATCCGAGTGATCG	1740
1681	DB	AAGCATCATTTTTGAAGCAGACGTTGGCAGGCAAAACCGGGAATCCGAGTGATCG	1740
1741	QY	CGTCTTCGTTGTTTCAGGCTTATGTCCAGATAGCCCTTTATCTCTGGATGACATGAAATGT	1800
1741	DB	CGTCTTCGTTGTTTCAGGCTTATGTCCAGATAGCCCTTTATCTCTGGATGACATGAAATGT	1800
1801	QY	ACTATCTTTATTTGACTGTTGATGCTCAGTTCCCTGGTTTTTTTGGATATTGCATCATAG	1860
1801	DB	ACTATCTTTATTTGACTGTTGATGCTCAGTTCCCTGGTTTTTTTGGATATTGCATCATAG	1860
1861	QY	GACCTCTGGCATTTTGAATTTACTAGCTCAAAAATTTGTAATGTACCAACAGAAATATTAT	1920
1861	DB	GACCTCTGGCATTTTGAATTTACTAGCTCAAAAATTTGTAATGTACCAACAGAAATATTAT	1920
1921	QY	TGTAAGATGCTTCTTGTTATAGATATGCCAATATTTGCTTTTAAATATCATATCACTGT	1980
1921	DB	TGTAAGATGCTTCTTGTTATAGATATGCCAATATTTGCTTTTAAATATCATATCACTGT	1980
1981	QY	ATCTTCTCAGTCATTTCTGAAATCTTTCCNCAATATATATAAAATNTGGAAANGTCAGTT	2040
1981	DB	ATCTTCTCAGTCATTTCTGAAATCTTTCCNCAATATATATAAAATNTGGAAANGTCAGTT	2040
2041	QY	TATCTCCCTCCTCNGTATATCTGATTTGTATANGTTANGTTGATGNGCTTCTCTCTACAA	2100
2041	DB	TATCTCCCTCCTCNGTATATCTGATTTGTATANGTTANGTTGATGNGCTTCTCTCTACAA	2100
2101	QY	CATTTTCTAGAAAAATAGAAAAAAGACACAGAGAAATGTTTTAACTGTTTGGACTCTTATGAT	2160
2101	DB	CATTTTCTAGAAAAATAGAAAAAAGACACAGAGAAATGTTTTAACTGTTTGGACTCTTATGAT	2160
2161	QY	ACTTCTTCGGAACCTATGCACTCAAGATAGACTTTTTTGCTTAAGTGGCTTACTCGGGCTTT	2220
2161	DB	ACTTCTTCGGAACCTATGCACTCAAGATAGACTTTTTTGCTTAAGTGGCTTACTCGGGCTTT	2220
2221	QY	TCATAGCAAACTTGTAATTAAATTTCTTTGTAATAATAA	2280
2221	DB	TCATAGCAAACTTGTAATTAAATTTCTTTGTAATAATAA	2280

RESULT 5

ACD42524

ACD42524
ID ACD42524 standard; cDNA; 2260 BP.

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DT 09-SEP-2003 (first entry)

Novel human secreted and transmembrane protein PRO320 cDNA.

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PR 30-JUL-2001; 2001US-00918585.

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PI Ashkenazi AJ, Baker KP, Rotstein D, Desnoyers L, Eaton DL;
PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;

Query Match 99.7%; Score 2253; DB 7; Length 2260;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1 CGGACGCGTGGGTGCGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGAGGAGGCGCGG 60
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Db 61 GCTTAGCTCTACGGGGTCCGGCCCGCCCTCCCGAGGGGGGCTCAGGAGGAGGAAGGA 120
QY 121 GGACCCGTGCGAGAATGCTCTGCCCTGGAGCTTCCGCTCCCGCTGCTCTCTCTGGG 180
Db 121 GGACCCGTGCGAGAATGCTCTGCCCTGGAGCTTCCGCTCCCGCTGCTCTCTCTGGG 180
QY 181 TGGCAGGTGGTTTCGGGAACCGGGCAGTGCAGGCAATCACGGGTGTAGCATCGGCAC 240
Db 181 TGGCAGGTGGTTTCGGGAACCGGGCAGTGCAGGCAATCACGGGTGTAGCATCGGCAC 240
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Db 241 GTCAGCTGGGTGTGTCTACTATGAACTTAACCTGGCTGTCTACGGCTGGAGAGAA 300
QY 301 ACAGCAAGGAGTGTGTGAAGCTACATCGAACCTGGATGTAAGTTTGGTGGTSCGTGG 360
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QY	ATGAAATGTGCTTCGGTAAAGTCACTGTGCTTACAAATCGAAGACACTGTCTAGATATTG	720
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DB	AAATATCTCGGTGTGACTGCGCTTCAATCATGGGATCTGTGCTGGACACGATAGAGA	1380
QY	AGATGATTTTGTACTGGAATCCTGCTGATTCGAGATTAATGCTATTGGCTTCTATATGGCAGT	1440

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Qy	1861	GACCTCGGCATTTTGAAGATTTACTAGCTGAAAAAATTTGTAATGTACCAAACAGAAAAATTAT	1920
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Qy	2101	CATTTCTAGAAAATAGAAAAAAGCAGAGAAAATGTTTAACTGTTTGCATCTTATGAT	2160
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Db	2161	ACTTCTTGAAACTATGACATCAAGAATAGACTTTTGGCTTAAGTGCGTGGGTCTT	2220
Qy	2221	TCATAGCCAAACTGCTATATTAAATCTTTGTAAATAATA	2260
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DEPT. T. 6

RESULTS 6
ACAC350
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ACA63559
ID ACA63559 standard: cDNA: 2260 BP

ID
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ACA63559;

16-JUN-2003 (first entry)

DT 16-JUN-2003 (first entry)
XX

XX Novel human secreted and transmembrane protein PRO320 cDNA.

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VV

XX Human: secreted and transmembrane protein: PRO: antiinflammatory:

anti-HIV: anti-human immunodeficiency virus; secreted and transported by macrophages and T-lymphocytes

KW antidiabetic; gene therapy; inflammatory disease; organ failure; anti-HIV
KW arteriosclerotic; cardiac; anti-infectivity; anti-HIV

KW premature aging; AIDS; cancer; diabetic complication; chromosome mapping;
KW Gene mapping; pharmaceutical; diagnostic; biosensor; bioreactor;
XX tissue typing; gene; ss.

OS Homo sapiens.

FN US2002192706-A1.

XX 19-DEC-2002.

XX 24-OCT-2001; 2001US-00999832.

XX 17-OCT-1997; 97US-0062250P.

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XX 31-MAR-1998; 98US-0080105P.

XX 31-MAR-1998; 98US-0080107P.

XX 31-MAR-1998; 98US-0080165P.

XX 31-MAR-1998; 98US-0080194P.

XX 01-APR-1998; 98US-0080327P.

XX 01-APR-1998; 98US-0080328P.

XX 01-APR-1998; 98US-0080333P.

XX 01-APR-1998; 98US-0080334P.

XX 08-APR-1998; 98US-0081049P.

XX 08-APR-1998; 98US-0081070P.

XX 08-APR-1998; 98US-0081071P.

XX 08-APR-1998; 98US-0081195P.

PR 30-DEC-1999; 99WO-US031243.

PR 30-DEC-1999; 99WO-US031274.

PR 05-JAN-2000; 2000WO-US000219.

PR 06-JAN-2000; 2000WO-US000277.

PR 06-JAN-2000; 2000WO-US000376.

PR 11-FEB-2000; 2000WO-US003565.

PR 18-FEB-2000; 2000WO-US004341.

PR 24-FEB-2000; 2000WO-US005004.

PR 02-MAR-2000; 2000WO-US005841.

PR 10-MAR-2000; 2000WO-US006319.

PR 21-MAR-2000; 2000WO-US007532.

PR 30-MAR-2000; 2000WO-US008439.

PR 17-MAY-2000; 2000WO-US013705.

PR 22-MAY-2000; 2000WO-US014042.

PR 30-MAY-2000; 2000WO-US014941.

PR 02-JUN-2000; 2000WO-US015264.

PR 28-JUL-2000; 2000WO-US020710.

PR 24-AUG-2000; 2000WO-US023328.

PR 01-DEC-2000; 2000WO-US032678.

PR 20-DEC-2000; 2000WO-US034956.

PR 28-FEB-2001; 2001WO-US006520.

PR 22-MAR-2001; 2001WO-US009552.

PR 25-MAY-2001; 2001WO-US017092.

PR 01-JUN-2001; 2001WO-US017800.

PR 20-JUN-2001; 2001WO-US019692.

PR 29-JUN-2001; 2001WO-US021066.

PR 09-JUL-2001; 2001WO-US021735.

XX (GETH) GENENTECH INC.

PA Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;

XX Ferrera N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;

PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;

PI Kljavin IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;

PI Stewart TA, Tumas D, Williams PM, Wood WI;

XX WPI; 2003-328860/31.

DR F-PSDB; ABU72210.

XX New secreted and transmembrane nucleic acids and polypeptides, designated

PT as PRO, useful for treating inflammation, organ failure, atherosclerosis,

PT cardiac injury, infertility, birth defects, premature aging, AIDS, or

PT cancer.

XX Claim 2; Fig 44; 453pp; English.

XX The invention describes an isolated nucleic acid (I) comprising, or which

XX is at least 80 % sequence identity to, or the full-length coding sequence

of, any of 118 300-2100 nucleotide sequences, which encodes its

corresponding PRO polypeptide selected from 118 100-700 amino acid

sequences, all given in the specification. The nucleic acids and

polypeptides are useful for treating inflammatory diseases, organ

failure, atherosclerosis, cardiac injury, infertility, birth defects,

premature aging, AIDS, cancer, or diabetic complications. The nucleic

acids are useful as hybridisation probes, in chromosome and gene mapping,

and in generating antisense RNA or DNA. The polypeptides are useful as

pharmaceuticals, diagnostics, biosensors or bioreactors. Both are useful

in tissue typing. This sequence encodes a novel human secreted and

transmembrane PRO polypeptide

Sequence 2260 BP; 659 A; 458 C; 568 G; 568 T; 0 U; 7 Other;

Query Match 99.7%; Score 2253; DB 7; Length 2260;

Best Local Similarity 100.0%; Pred. No. 0;

Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGGACCGCTGGGTGCGAGTGGAGCCGAGGACCGGAGCGGCTCAGGAGAGAGGCGCG 60

Db 1 CGGACCGCTGGGTGCGAGTGGAGCCGAGGACCGGAGCGGCTCAGGAGAGAGGCGCG 60

Qy 61 GCTTAGCTGCTACGGGGTCCCGCGCGCGCCCTCCCGAGGGGGGCTCAGGAGGAGGA 120

Db 61 GCTTAGCTGCTACGGGGTCCCGCGCGCGCCCTCCCGAGGGGGGCTCAGGAGGAGGA 120

QY 121 GGACCGTGCAGAAATGCTCTGCGCTGGAGCTTGGCGCTCCCGCTGCTCTCTCTCGG 180
Db 121 GGACCGTGCAGAAATGCTCTGCGCTGGAGCTTGGCGCTCCCGCTGCTCTCTCTCGG 180
QY 181 TGGCAGGTGGTTTCGGGAACGGCGCAGTGCAGAGCATCAGGGTTCTTAGCATCGGCAC 240
Db 181 TGGCAGGTGGTTTCGGGAACGGCGCAGTGCAGAGCATCAGGGTTCTTAGCATCGGCAC 240
QY 241 GTCAGCCTGGGCTCTGTCACTATGGAACCTAACTGGCCCTGCTGTACGGCTGGAGAGAA 300
Db 241 GTCAGCCTGGGCTCTGTCACTATGGAACCTAACTGGCCCTGCTGTACGGCTGGAGAGAA 300
QY 301 ACAGCAGGAGTGTGGAAGTCAATCGGACCTGGATGTAAGTTTGGTCACTGGCTGG 360
Db 301 ACAGCAGGAGTGTGGAAGTCAATCGGACCTGGATGTAAGTTTGGTCACTGGCTGG 360
QY 361 GACCAAAACAAATGCGAGTCTTTCCAGGATACACCGGGAAACCTGCGATCAAGATCTGA 420
Db 361 GACCAAAACAAATGCGAGTCTTTCCAGGATACACCGGGAAACCTGCGATCAAGATCTGA 420
QY 421 ATGAGTGTGGAATGAACCCCGGCAATGCCAACAAGATGTGATGATACACACGGAAGCT 480
Db 421 ATGAGTGTGGAATGAACCCCGGCAATGCCAACAAGATGTGATGATACACACGGAAGCT 480
QY 481 ACAAGTGTCTTTGCGCTCACTGCGCCATGCTCATGCCAGATGCTACGTGTGTGAACCTA 540
Db 481 ACAAGTGTCTTTGCGCTCACTGCGCCATGCTCATGCCAGATGCTACGTGTGTGAACCTA 540
QY 541 GGCATGTGCGATGAATAACTGTGATAGTGTGGAAGATGTCAGTGTGGAAGAGGGCCACAGT 600
Db 541 GGCATGTGCGATGAATAACTGTGATAGTGTGGAAGATGTCAGTGTGGAAGAGGGCCACAGT 600
QY 601 GCTGTGTCTCATCTCAGACATCCGCTGCGCCCAAAATGGAAGAGTGTCTAGATATTG 660
Db 601 GCTGTGTCTCATCTCAGACATCCGCTGCGCCCAAAATGGAAGAGTGTCTAGATATTG 660
QY 661 ATGAATGTGCTCTGTTAAGTCACTCTGCTCCCTACAATGGAAGATGTGTGAACACATTTG 720
Db 661 ATGAATGTGCTCTGTTAAGTCACTCTGCTCCCTACAATGGAAGATGTGTGAACACATTTG 720
QY 721 GAAGCTACTACTGCAATGTCAATTTGTTTGGACTGCAATATATCAGTGGAGCATATG 780
Db 721 GAAGCTACTACTGCAATGTCAATTTGTTTGGACTGCAATATATCAGTGGAGCATATG 780
QY 781 ACTGTATAGATATAAATGAATGATGATGATAGCCATACGTGAGCCACCATGCCAATT 840
Db 781 ACTGTATAGATATAAATGAATGATGATGATAGCCATACGTGAGCCACCATGCCAATT 840
QY 841 GCTTCATATCCAGGGTCTTCAAGTGAATGCAAGCAGGATATAAAGGCAATGGAC 900
Db 841 GCTTCATATCCAGGGTCTTCAAGTGAATGCAAGCAGGATATAAAGGCAATGGAC 900
QY 901 TTGCGTGTCTGCTATCCCTGAAATTTCTGTGAAGAGTCTCTCAGAGCCTGTGTACCA 960
Db 901 TTGCGTGTCTGCTATCCCTGAAATTTCTGTGAAGAGTCTCTCAGAGCCTGTGTACCA 960
QY 961 TCAAGACAGATCAAGAGTCTGCTCACAACCAAGCAGTGAAGAGGCAAA 1020
Db 961 TCAAGACAGATCAAGAGTCTGCTCACAACCAAGCAGTGAAGAGGCAAA 1020
QY 1021 TTAATAATGTTTACCCAGAACCCACGAGTCTCTACCCCTCAAGGTGAACCTTGCAGCCCT 1080
Db 1021 TTAATAATGTTTACCCAGAACCCACGAGTCTCTACCCCTCAAGGTGAACCTTGCAGCCCT 1080
QY 1081 TCAACTATGAGATAGTTTCCAGAGCGGAGTCTCATGAGGTGAAGAGGGAATG 1140
Db 1081 TCAACTATGAGATAGTTTCCAGAGCGGAGTCTCATGAGGTGAAGAGGGAATG 1140
QY 1141 AAGAGAAATGAAGAGGGGCTTGAAGATGAGAAAGAGAGAGAAACCCCTGAAGATCA 1200
Db 1141 AAGAGAAATGAAGAGGGGCTTGAAGATGAGAAAGAGAGAGAAACCCCTGAAGATCA 1200

QY 1201 CATAGAGAGCGAAGCCTGCGAGAGATGTGTTTTTCCCTAAGGTGAATCAAGCAGGTGA 1260
Db 1201 CATAGAGAGCGAAGCCTGCGAGAGATGTGTTTTTCCCTAAGGTGAATCAAGCAGGTGA 1260
QY 1261 ATTGGCCCTGATTTCTGTGTCGTAAGGAAGCGCTAACTTCCAAACTGGAACATAAAGATTT 1320
Db 1261 ATTGGCCCTGATTTCTGTGTCGTAAGGAAGCGCTAACTTCCAAACTGGAACATAAAGATTT 1320
QY 1321 AAATATCTCGGTTGACATGCGAGCTTCAATCATGGATCTGTGACTGGAAACAGATAGAGA 1380
Db 1321 AAATATCTCGGTTGACATGCGAGCTTCAATCATGGATCTGTGACTGGAAACAGATAGAGA 1380
QY 1381 AGATGATTTTCACTTGGAAATCTGCTGATCGAGATAATGCTATTGGCTTTCTATATGCGAGT 1440
Db 1381 AGATGATTTTCACTTGGAAATCTGCTGATCGAGATAATGCTATTGGCTTTCTATATGCGAGT 1440
QY 1441 TCGGCTTGGCAGGTGCAAGAAAGACATGCGCCGATGGAACCTTCTCTACTGACCT 1500
Db 1441 TCGGCTTGGCAGGTGCAAGAAAGACATGCGCCGATGGAACCTTCTCTACTGACCT 1500
QY 1501 GCAACCCCAAGCAACTTCTGTTTGTCTTGTATTACCGGCTGCGCGAGACAAAGTCGG 1560
Db 1501 GCAACCCCAAGCAACTTCTGTTTGTCTTGTATTACCGGCTGCGCGAGACAAAGTCGG 1560
QY 1561 GAACTTCAAGTGTGTGAAAAACAGTAAACATGCGCTGCGATGGGAGAGACCCAGAG 1620
Db 1561 GAACTTCAAGTGTGTGAAAAACAGTAAACATGCGCTGCGATGGGAGAGACCCAGAG 1620
QY 1621 TGAGGATCAAAAGTGAAGACAGGGAATTCAGTGTGATCAAGGAATCATGTCTACCAA 1680
Db 1621 TGAGGATCAAAAGTGAAGACAGGGAATTCAGTGTGATCAAGGAATCATGTCTACCAA 1680
QY 1681 AAGCATCAATTTTGAAGCAGAACCTGCGAAGGCAAAACCGCGAATTCGAGTGGATGG 1740
Db 1681 AAGCATCAATTTTGAAGCAGAACCTGCGAAGGCAAAACCGCGAATTCGAGTGGATGG 1740
QY 1741 CGCTGTGCTGTTTTCAGGCTTATGTCCAGATAGCTTTTATCTGTGATGACTGAAATGTT 1800
Db 1741 CGCTGTGCTGTTTTCAGGCTTATGTCCAGATAGCTTTTATCTGTGATGACTGAAATGTT 1800
QY 1801 ACTATCTTTATATTTGACTTTGTATGTCAGTTCCTGTTTTTTTGTATGATGATGATG 1860
Db 1801 ACTATCTTTATATTTGACTTTGTATGTCAGTTCCTGTTTTTTTGTATGATGATGATG 1860
QY 1861 GACCTCTGCAATTTAGAAATTTACTAGCTGAAATTTGTAATGTACCAACAGAAATATTAT 1920
Db 1861 GACCTCTGCAATTTAGAAATTTACTAGCTGAAATTTGTAATGTACCAACAGAAATATTAT 1920
QY 1921 TGTAAAGATGCTTTCTGTATAAGATATGCCAATATTTGCTTTAAATATCATATCACTGT 1980
Db 1921 TGTAAAGATGCTTTCTGTATAAGATATGCCAATATTTGCTTTAAATATCATATCACTGT 1980
QY 1981 ATCTTCTGATCAATTTCTGAAATCTTCCNCATTTATTTATAAATNTGGAANGTCAGTT 2040
Db 1981 ATCTTCTGATCAATTTCTGAAATCTTCCNCATTTATTTATAAATNTGGAANGTCAGTT 2040
QY 2041 TATCTCCCTCTCNGTATATCTGATTTGTATANGTANGTANGTANGTCTCTCTCTACAA 2100
Db 2041 TATCTCCCTCTCNGTATATCTGATTTGTATANGTANGTANGTANGTCTCTCTCTACAA 2100
QY 2101 CATTTCTAGAAATGAGAAAGACAGAGAAATGTTTAACTGTTTGACTCTTATGAT 2160
Db 2101 CATTTCTAGAAATGAGAAAGACAGAGAAATGTTTAACTGTTTGACTCTTATGAT 2160
QY 2161 ACTTCTTGAAACTATGACATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGCTTT 2220
Db 2161 ACTTCTTGAAACTATGACATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGCTTT 2220
QY 2221 TCAATGCAAACTGTATATTTAACTTTCTTTGTAATAAA 2260
Db 2221 TCAATGCAAACTGTATATTTAACTTTCTTTGTAATAAA 2260

RESULT 7
 ACA71723
 ID ACA71723 standard; cDNA; 2260 BP.
 XX
 AC ACA71723;
 XX
 DT 11-AUG-2003 (first entry)
 XX
 DE Human secreted and transmembrane polypeptide PRO320 cDNA.
 XX
 KW Human; ss; gene; thrombolytic agent; interferon; interleukin; cytokine;
 KW erythropoietin; colony stimulating factor; cancer; colorectal carcinoma;
 KW apoptosis related condition; AIDS; amyotrophic lateral sclerosis;
 KW inflammatory disease; asthma; atherosclerosis; neurodegenerative disease;
 KW gastrointestinal disorder; Alzheimer's disease; Parkinson's disease;
 KW hypertension; myocardial infarction; kidney disease; carcinogenesis;
 KW glomerulonephritis; lung disease; pulmonary hypertension; preeclampsia;
 KW bronchial asthma; gastric ulcer; renal failure; cardiovascular disease;
 KW inflammatory bowel disease; reproductive disorder; premature labour.
 OS Homo sapiens.
 XX
 PN US2002177553-A1.
 XX
 PD 28-NOV-2002.
 XX
 PF 15-OCT-2001; 2001US-00978192.
 XX
 PR 17-OCT-1997; 97US-0062250P.
 PR 03-NOV-1997; 97US-0084249P.
 PR 13-NOV-1997; 97US-0065311P.
 PR 21-NOV-1997; 97US-0066364P.
 PR 10-MAR-1998; 98US-0077450P.
 PR 11-MAR-1998; 98US-0077632P.
 PR 11-MAR-1998; 98US-0077641P.
 PR 11-MAR-1998; 98US-0077649P.
 PR 12-MAR-1998; 98US-0077791P.
 PR 13-MAR-1998; 98US-0078004P.
 PR 17-MAR-1998; 98US-0084022P.
 PR 20-MAR-1998; 98US-0078886P.
 PR 20-MAR-1998; 98US-0078910P.
 PR 20-MAR-1998; 98US-0078936P.
 PR 20-MAR-1998; 98US-0078939P.
 PR 25-MAR-1998; 98US-0079294P.
 PR 26-MAR-1998; 98US-0079656P.
 PR 27-MAR-1998; 98US-0079663P.
 PR 27-MAR-1998; 98US-0079664P.
 PR 27-MAR-1998; 98US-0079689P.
 PR 27-MAR-1998; 98US-0079728P.
 PR 27-MAR-1998; 98US-0079785P.
 PR 30-MAR-1998; 98US-0079920P.
 PR 30-MAR-1998; 98US-0079923P.
 PR 26-JUN-1998; 98US-00105413.
 PR 07-OCT-1998; 98US-00168978.
 PR 07-OCT-1998; 98US-0021141.
 PR 02-NOV-1998; 98US-00184216.
 PR 06-NOV-1998; 98US-00187368.
 PR 20-NOV-1998; 98US-0024885.
 PR 07-DEC-1998; 98US-00202054.
 PR 22-DEC-1998; 98US-00218517.
 PR 05-JAN-1999; 99US-0000106.
 PR 05-MAR-1999; 99US-00254465.
 PR 08-MAR-1999; 99US-00050028.
 PR 10-MAR-1999; 99US-00265686.
 PR 10-MAR-1999; 99US-00050190.
 PR 12-MAR-1999; 99US-00267213.
 PR 12-APR-1999; 99US-00284291.
 PR 14-MAY-1999; 99US-00311832.
 PR 14-MAY-1999; 99US-00510733.
 PR 02-JUN-1999; 99US-0012252.
 PR 25-AUG-1999; 99US-00380137.
 PR 25-AUG-1999; 99US-00380138.
 PR 25-AUG-1999; 99US-00380142.
 PR 30-NOV-1999; 99WO-US028313.
 PR 02-DEC-1999; 99WO-US028551.
 PR 02-DEC-1999; 99WO-US028565.
 PR 16-DEC-1999; 99WO-US030095.
 PR 30-DEC-1999; 99WO-US031243.
 PR 30-DEC-1999; 99WO-US031274.
 PR 05-JAN-2000; 2000WO-US000219.
 PR 06-JAN-2000; 2000WO-US000277.
 PR 06-JAN-2000; 2000WO-US000376.
 PR 11-FEB-2000; 2000WO-US000365.
 PR 18-FEB-2000; 2000WO-US000341.
 PR 24-FEB-2000; 2000WO-US0005004.
 PR 02-MAR-2000; 2000WO-US0005841.
 PR 10-MAR-2000; 2000WO-US0006319.
 PR 21-MAR-2000; 2000WO-US0007532.
 PR 30-MAR-2000; 2000WO-US0008439.
 PR 17-MAY-2000; 2000WO-US013705.
 PR 22-MAY-2000; 2000WO-US014042.
 PR 30-MAY-2000; 2000WO-US014941.
 PR 02-JUN-2000; 2000WO-US015264.
 PR 28-JUL-2000; 2000WO-US020710.
 PR 24-AUG-2000; 2000WO-US023328.
 PR 08-NOV-2000; 2000US-00709238.
 PR 27-NOV-2000; 2000US-00723749.
 PR 01-DEC-2000; 2000WO-US032678.
 PR 20-DEC-2000; 2000US-00747259.
 PR 20-DEC-2000; 2000WO-US034956.
 PR 28-FEB-2001; 2001WO-US0006520.
 PR 22-MAR-2001; 2001US-00816744.
 PR 22-MAR-2001; 2001US-00816920.
 PR 22-MAR-2001; 2001WO-US0009552.
 PR 10-MAY-2001; 2001US-00854208.
 PR 10-MAY-2001; 2001US-00854280.
 PR 25-MAY-2001; 2001WO-US017092.
 PR 01-JUN-2001; 2001US-00872035.
 PR 01-JUN-2001; 2001WO-US017800.
 PR 05-JUN-2001; 2001US-00874503.
 PR 14-JUN-2001; 2001US-00882636.
 PR 19-JUN-2001; 2001US-00886342.
 PR 20-JUN-2001; 2001WO-US019692.
 PR 29-JUN-2001; 2001WO-US021066.
 PR 09-JUL-2001; 2001WO-US021735.
 PR 30-JUL-2001; 2001US-00918585.
 XX (GETH) GENENTECH INC.
 PA Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;
 PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;
 PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;
 PI Kljavin IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;
 PI Stewart TA, Tumas D, Williams PM, Wood WI;
 XX WPI; 2003-328499/31.
 DR P-PSDB; ABU84890.
 XX
 PT New isolated PRO polypeptides e.g. PRO213, PRO274 and PRO300, for use as
 PT pharmaceuticals, diagnostics, biosensors and bioreactors, for identifying
 PT modulators of receptor-ligand interactions.
 XX
 PS Claim 2; SEQ ID NO 118; 55pp; English.
 CC
 CC The invention relates to an isolated secreted and transmembrane
 CC polypeptide, designated as PRO polypeptide. The PRO polypeptide is useful
 CC in PRO polypeptide detection methods. The PRO polypeptide is useful for
 CC linking a bioactive molecule to a cell. The PRO polypeptide or an
 CC antibody against it is useful for modulating a biological activity of a
 CC cell. The PRO polypeptide is useful in industrial applications including
 CC pharmaceuticals, diagnostics, biosensors and bioreactors. The PRO
 CC polypeptide is also useful as a thrombolytic agent, interferon,
 CC interleukin, erythropoietin, colony stimulating factor and other
 CC cytokines. The PRO polypeptide is useful for treating disease such as
 CC cancer e.g. colorectal carcinoma; apoptosis related conditions e.g. AIDS,
 CC amyotrophic lateral sclerosis; inflammatory disease e.g. asthma,

atherosclerosis; neurodegenerative disease e.g. Alzheimer's disease,
CC Parkinson's disease; cardiovascular disease e.g. hypertension and
CC myocardial ischemia; kidney disease e.g. renal failure and
CC glomerulonephritis; lung disease e.g. pulmonary hypertension, bronchial
CC asthma; gastrointestinal disorders e.g. gastric ulcer and inflammatory
CC bowel disease; reproductive disorders e.g. premature labour and
CC preclampsia; carcinogenesis. The present sequence represents a cDNA
CC encoding a PRO polypeptide of the invention. Note: The sequence data for
CC this patent did not form part of the printed specification but was
CC obtained in electronic format directly from USPTO at
CC seqdata.uspto.gov/sequence.html?DocID=20020177553
XX
SQ Sequence 2260 BP; 659 A; 458 C; 568 G; 568 T; 0 U; 7 Other;
Query Match 99.7%; Score 2253; DB 7; Length 2260;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGGACCGGTGGTGGAGTGGAGCGAGGAGCCGAGCGCTGAGGAGAGAGGCGCGG 60
DB 1 CGGACCGGTGGTGGAGTGGAGCGAGGAGCCGAGCGCTGAGGAGAGAGGCGCGG 60
QY 61 GCTTAGCTGCTACGGGGTCCGGCCCGCGCCCTCCCGAGGGGGCTCAGGAGGAGGA 120
DB 61 GCTTAGCTGCTACGGGGTCCGGCCCGCGCCCTCCCGAGGGGGCTCAGGAGGAGGA 120
QY 121 GACCCGTGCGAGATGCTCTGCCCTGGAGCTTGGCTCCGCTCGCTCTCTCTGGG 180
DB 121 GACCCGTGCGAGATGCTCTGCCCTGGAGCTTGGCTCCGCTCGCTCTCTCTGGG 180
QY 181 TGGCAGGTGTTTCGGGAAACGGCGCCAGTGCAGGCGATCACGGGTGTTAGCATCGGCAC 240
DB 181 TGGCAGGTGTTTCGGGAAACGGCGCCAGTGCAGGCGATCACGGGTGTTAGCATCGGCAC 240
QY 241 GTGAGCGTGGGTCTGTGACTATGGAATTAACCTGGCTGCTGCTACGGCTGGAGAGAA 300
DB 241 GTGAGCGTGGGTCTGTGACTATGGAATTAACCTGGCTGCTGCTACGGCTGGAGAGAA 300
QY 301 ACAGCAGGAGGTCTGTGAAGCTACATGGGAACCTGGATGTAAGTTTGGTGAAGTGCCTGG 360
DB 301 ACAGCAGGAGGTCTGTGAAGCTACATGGGAACCTGGATGTAAGTTTGGTGAAGTGCCTGG 360
QY 361 GACCAACAATGAGATGCTTCCAGGATACACCGGGGAAACCTGCGAGTCAAGATGTA 420
DB 361 GACCAACAATGAGATGCTTCCAGGATACACCGGGGAAACCTGCGAGTCAAGATGTA 420
QY 421 ATGAGTGTGAATGAACCCCGCCATGCGAACACAGATGTGTGAATACACACGGAAGCT 480
DB 421 ATGAGTGTGAATGAACCCCGCCATGCGAACACAGATGTGTGAATACACACGGAAGCT 480
QY 481 ACAAGTCTTTTGGCTCAGTGGCCACATGCTCATGCGAGTGTGTGAATCTA 540
DB 481 ACAAGTCTTTTGGCTCAGTGGCCACATGCTCATGCGAGTGTGTGAATCTA 540
QY 541 GGACATGTCATGATATAAATGTGTCAGTACAGTGTGGAACACAGAGAGGCGCCACAGT 600
DB 541 GGACATGTCATGATATAAATGTGTCAGTACAGTGTGGAACACAGAGAGGCGCCACAGT 600
QY 601 GCCTGTGTCCATCTCAGGACTCGGCTGGCCCAATGGAAGAGAGCTCTGTAGATATTG 660
DB 601 GCCTGTGTCCATCTCAGGACTCGGCTGGCCCAATGGAAGAGAGCTCTGTAGATATTG 660
QY 661 ATGAATGTGCTGTGTAAGTGTATGCTCCCTACCAATCGAAGATGTGGAACACATTG 720
DB 661 ATGAATGTGCTGTGTAAGTGTATGCTCCCTACCAATCGAAGATGTGGAACACATTG 720
QY 721 GAAGCTACTACTGCAATGTCAATTTGGTTTGGAACTGCAATATATCATGTGAGCATATG 780
DB 721 GAAGCTACTACTGCAATGTCAATTTGGTTTGGAACTGCAATATATCATGTGAGCATATG 780
QY 781 ACTGTATAGATATAAATGATGACTATGATAGCCATCGTACGCCACCAATTC 840
DB 781 ACTGTATAGATATAAATGATGACTATGATAGCCATCGTACGCCACCAATTC 840

QY 841 GCTTCAATACCAAGGTCCTTCAAGTGTAAATGCAAGCGGATATAAAGGCATGGAC 900
DB 841 GCTTCAATACCAAGGTCCTTCAAGTGTAAATGCAAGCGGATATAAAGGCATGGAC 900
QY 901 TTCGGTGTCTGCTATCCCTGAAATTTCTGTGAAGGAAGTCTCAGAGCACTGGTACCA 960
DB 901 TTCGGTGTCTGCTATCCCTGAAATTTCTGTGAAGGAAGTCTCAGAGCACTGGTACCA 960
QY 961 TCAAGACAGAAATCAAGAAGTGTCTCTCACAAAACAGCATGAAAGAGGCAAAA 1020
DB 961 TCAAGACAGAAATCAAGAAGTGTCTCTCACAAAACAGCATGAAAGAGGCAAAA 1020
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DB 1021 TTAATAATGTTACCCGAGACCCACAGGACTCTACCCCTAAGGTGAATTCAGCCCT 1080
QY 1081 TCAACTATGAAGAGATAGTTTCCAGAGCGCGGAATCTCATGGAGGTAAAGAGGAATG 1140
DB 1081 TCAACTATGAAGAGATAGTTTCCAGAGCGCGGAATCTCATGGAGGTAAAGAGGAATG 1140
QY 1141 AAGAGAAATGAAGGGGCTTGAGGATGAGAAAGAGAGAAAGCCCTGAAGAAATGA 1200
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DB 1381 AGATGATTTGACTGGAACTCTGCTGATCGAGATAAGTCTATTTGGCTTCTATATGGCAGT 1440
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QY 1561 GAAACTTCCAGTGTGTTGAAAAACAGTAACAATGCCCCCTGGCATGGGAGAGACACAGAG 1620
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QY 1621 TGAGGATGAAAGTGGAGACAGGGAATTTCAAGTTGTATCAAGGAACTGATGCTACCA 1680
DB 1621 TGAGGATGAAAGTGGAGACAGGGAATTTCAAGTTGTATCAAGGAACTGATGCTACCA 1680
QY 1681 AAGCATCATTTTGAAGCAGAAACGTGGCAAGGGCAAAAACCGCGCAAAATCGCAGTGGATG 1740
DB 1681 AAGCATCATTTTGAAGCAGAAACGTGGCAAGGGCAAAAACCGCGCAAAATCGCAGTGGATG 1740
QY 1741 CGTCTTGTGTTTCAAGGCTTATGTCAGATAGCCCTTTTATCTGTGGATGATGATGTT 1800
DB 1741 CGTCTTGTGTTTCAAGGCTTATGTCAGATAGCCCTTTTATCTGTGGATGATGATGTT 1800
QY 1801 ACTATCTTTTATATTTGACCTTGTATGTAGTTCCTGGTTTTTTTGTATTTGATTCATAG 1860
DB 1801 ACTATCTTTTATATTTGACCTTGTATGTAGTTCCTGGTTTTTTTGTATTTGATTCATAG 1860
QY 1861 GACCTCTGCAATTTTGAATTAAGTGTGAAATTTGTAATGTACCAACAGAAATTTAT 1920
DB 1861 GACCTCTGCAATTTTGAATTTAGTGTGAAATTTGTAATGTACCAACAGAAATTTAT 1920

QY 1921 TGTAAAGATGCTTTCTTGTATAGATATGCAATATTTGCTTTAAATATCATATCACTGT 1980
DB 1921 TGTAAAGATGCTTTCTTGTATAGATATGCAATATTTGCTTTAAATATCATATCACTGT 1980
QY 1981 ATCTTCTCAGTCATTTCTGATCTTTCCNCAATATATATAAATNTGGAANGTCAGTT 2040
DB 1981 ATCTTCTCAGTCATTTCTGATCTTTCCNCAATATATATAAATNTGGAANGTCAGTT 2040
QY 2041 TATCTCCCTCCTCNGTATATCTGATTTGTATANGTANGTGTGCTTCTCTACAA 2100
DB 2041 TATCTCCCTCCTCNGTATATCTGATTTGTATANGTANGTGTGCTTCTCTACAA 2100
QY 2101 CATTTCTAGAAAATAGAAAAAGACAGAGAAATGTTTAACTGTTTCACTCTTATGAT 2160
DB 2101 CATTTCTAGAAAATAGAAAAAGACAGAGAAATGTTTAACTGTTTCACTCTTATGAT 2160
QY 2161 ACTTCTTGGAACACTATGACATCAAAAGATAGACTTTTGCCTTAAGTGGCTAGCTGGTCTT 2220
DB 2161 ACTTCTTGGAACACTATGACATCAAAAGATAGACTTTTGCCTTAAGTGGCTAGCTGGTCTT 2220
QY 2221 TCATAGCCAACTTGTATATTATTTCTTTGTAATAATAA 2260
DB 2221 TCATAGCCAACTTGTATATTATTTCTTTGTAATAATAA 2260

RESULT 8
AX92363
ID AX92363 standard; cDNA; 2260 BP.
XX
XX
AC AX92363;
CC
DT 08-MAY-2003 (first entry)
XX
XX
DE cDNA encoding human PRO320 polypeptide.
XX

KW Human; PRO polypeptide; secreted and transmembrane protein;
KW immune disorder; diabetes; hyper-insulinaemia; hypo-insulinaemia;
KW cardiac insufficiency; nervous system disorder; kidney disorder;
KW bone disorder; cartilage disorder; arthritis; tumour; wound healing;
KW genetic disorder; cytostatic; antidiabetic; antiinflammatory;
KW antiarthritic; anti-tumour; vulnery; antianaemic; dermatological;
KW cardiant; gene; ss.

XX Homo sapiens.
OS
XX
XX US2002169284-A1.
XX
XX 14-NOV-2002.
XX
XX 16-OCT-2001; 2001US-00978697.

XX 26-MAY-1981; 81US-00267213.
PR 17-OCT-1997; 97US-0062250P.
PR 03-NOV-1997; 97US-0064249P.
PR 13-NOV-1997; 97US-0065311P.
PR 21-NOV-1997; 97US-0066364P.
PR 10-MAR-1998; 98US-0077450P.
PR 11-MAR-1998; 98US-0077632P.
PR 11-MAR-1998; 98US-0077641P.
PR 11-MAR-1998; 98US-0077649P.
PR 12-MAR-1998; 98US-0077791P.
PR 13-MAR-1998; 98US-008004P.
PR 17-MAR-1998; 98US-0080402P.
PR 20-MAR-1998; 98US-0078886P.
PR 20-MAR-1998; 98US-0078910P.
PR 20-MAR-1998; 98US-0078936P.
PR 20-MAR-1998; 98US-0078939P.
PR 25-MAR-1998; 98US-0079294P.
PR 26-MAR-1998; 98US-0079656P.
PR 27-MAR-1998; 98US-0079653P.
PR 27-MAR-1998; 98US-0079664P.
PR 27-MAR-1998; 98US-0079689P.
PR 27-MAR-1998; 98US-0079728P.

PR 27-MAR-1998; 98US-0079786P.
PR 30-MAR-1998; 98US-0079920P.
PR 26-JUN-1998; 98US-00105413.
PR 07-OCT-1998; 98US-00168978.
PR 07-OCT-1998; 98US-00168978.
PR 02-NOV-1998; 98US-00184216.
PR 06-NOV-1998; 98US-00187368.
PR 20-NOV-1998; 98US-0024855.
PR 07-DEC-1998; 98US-0024855.
PR 22-DEC-1998; 98US-00218517.
PR 05-JAN-1999; 98US-00218517.
PR 05-MAR-1999; 98US-00254465.
PR 08-MAR-1999; 98US-00254465.
PR 10-MAR-1999; 98US-00254465.
PR 10-MAR-1999; 98US-00254465.
PR 12-APR-1999; 98US-00284291.
PR 14-MAY-1999; 98US-00311832.
PR 14-MAY-1999; 98US-00311832.
PR 02-JUN-1999; 98US-00312252.
PR 25-AUG-1999; 98US-00380137.
PR 25-AUG-1999; 98US-00380137.
PR 25-AUG-1999; 98US-00380137.
PR 30-NOV-1999; 98US-00283113.
PR 02-DEC-1999; 98US-00283113.
PR 02-DEC-1999; 98US-00283113.
PR 16-DEC-1999; 98US-0030095.
PR 30-DEC-1999; 98US-0031243.
PR 05-JAN-2000; 98US-0031243.
PR 05-JAN-2000; 98US-0031243.
PR 06-JAN-2000; 98US-0031243.
PR 06-JAN-2000; 98US-0031243.
PR 11-FEB-2000; 98US-0031243.
PR 18-FEB-2000; 98US-0031243.
PR 24-FEB-2000; 98US-0031243.
PR 02-MAR-2000; 98US-0031243.
PR 10-MAR-2000; 98US-0031243.
PR 21-MAR-2000; 98US-0031243.
PR 30-MAR-2000; 98US-0031243.
PR 17-MAY-2000; 98US-0031243.
PR 22-MAY-2000; 98US-0031243.
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PR 08-NOV-2000; 98US-0031243.
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PR 20-DEC-2000; 98US-0031243.
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PR 28-FEB-2001; 98US-0031243.
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PR 10-MAY-2001; 98US-0031243.
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PR 01-JUN-2001; 98US-0031243.
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PR 19-JUN-2001; 98US-0031243.
PR 20-JUN-2001; 98US-0031243.
PR 29-JUN-2001; 98US-0031243.
PR 09-JUL-2001; 98US-0031243.
PR 30-JUL-2001; 98US-0031243.

(GETH) GENENTECH INC.

PI Ashkenazi A, Baker KP, Botstein D, Desnoyers L, Eaton D;
PI Ferrara N, Filvaroff E, Fong S, Gerber H, Gerritsen ME;
PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;
PI Kljavin IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;

1141 AAGAGAAATGAAGAGGGGCTTGAGGATGAGAAAGAGAGAGAAAGCCCTGAAAGATGA 1200
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1141 AAGAGAAATGAAGAGGGGCTTGAGGATGAGAAAGAGAGAGAAAGCCCTGAAAGATGA 1200
Qy |||||||

1201 CATAGAGAGCGAGCGCTGCGAGGAGATGTTTTCCCTAAGCTGAATGAAGCAGGTGA 1260
Db |||||||
1201 CATAGAGAGCGAGCGCTGCGAGGAGATGTTTTCCCTAAGCTGAATGAAGCAGGTGA 1260
Qy |||||||

1261 ATTCGGGCTGATTCTGGTCCAAAGAAAGCGCTAACTTCCAACTCGAAATAAAGATTT 1320
Db |||||||
1261 ATTCGGGCTGATTCTGGTCCAAAGAAAGCGCTAACTTCCAACTCGAAATAAAGATTT 1320
Qy |||||||

1321 AATATCTCCGCTGACCTGACCTCAATCATGGGATCTGTGACTGGAACAGATAGAGA 1380
Db |||||||
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Qy |||||||

1381 AGATGATTTTACCTGGAATCTGCTGATCGAGATAATGCTATTGGCTTCTATATGCGACT 1440
Db |||||||
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Qy |||||||

1441 TCCGGCTTGGCAGGTGCAAGAAAGACNTGGCCGATGGAACCTTCTCTACCTGACCT 1500
Db |||||||
1441 TCCGGCTTGGCAGGTGCAAGAAAGACNTGGCCGATGGAACCTTCTCTACCTGACCT 1500
Qy |||||||

1501 GCAACCCCAAGCAACTTCTGTTGCTCTTGTATTACCGCTGCGCGAGACAAAGTCGG 1560
Db |||||||
1501 GCAACCCCAAGCAACTTCTGTTGCTCTTGTATTACCGCTGCGCGAGACAAAGTCGG 1560
Qy |||||||

1561 GAACTTCGAGTGTGTGAAAGAAACAGTAACATGCTGCGCTGGGAGAGAACCAAGAG 1620
Db |||||||
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Qy |||||||

1621 TGAGATCAAAAGTGAAGACAGGAGAAATTCAGTGTATCAAGGAACTGATCTACCAA 1680
Db |||||||
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Qy |||||||

1681 AAGCATCAATTTTGAAGCAGAACCTGGCAAGGCAAAACCGGCAAACTGCGATGGATGG 1740
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1741 CGTCTGCTGTTTTCAGGCTTATGTCAGATAGCTTTTATCTGTGATGACTGATGATTT 1800
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1801 ACTATCTTTATTTGACTTTGATGTCAGTTCCTGCTGTTTTTTTGATATTGTCATCATAG 1860
Db |||||||
1801 ACTATCTTTATTTGACTTTGATGTCAGTTCCTGCTGTTTTTTTGATATTGTCATCATAG 1860
Qy |||||||

1861 GACCTCTGGCATTTTGAATTTAGCTAGCTGAAAATTTGATGTTACCAAGAAATTTAT 1920
Db |||||||
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Db |||||||
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1981 ATCTCTCAGTCAATTTCTGAATCTTCNCAATATATATAAATNTGGAANGTCAGTT 2040
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2041 TATCTCCCTCTCTGATATCTGATTTGATANGTANGTGTGCTCTCTACAA 2100
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2101 CATTTCTAGAAAATAGAAAAAAGACAGAGAAATGTTTAACTGTTTGACTCTTTATGAT 2160
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2161 ACTTCTTGGAACTATGATCAATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGGTCCT 2220
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2161 ACTTCTTGGAACTATGATCAATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGGTCCT 2220
Qy |||||||

2221 TCATAGCCAACTTGTAATTTAAATCTTTGTAATAATAA 2260
Db |||||||
2221 TCATAGCCAACTTGTAATTTAAATCTTTGTAATAATAA 2260
Qy |||||||

RESULT 10
ADA24657
ID ADA24657 standard; cDNA; 2260 BP.
XX
AC ADA24657;
XX
DT 20-NOV-2003 (first entry)
XX
DE Novel human secreted and transmembrane protein PRO320 cDNA.
XX
KW Human; secreted and transmembrane protein; PRO; gene; ss; tissue typing;
KW chromosome identification; vaccine; cancer; retinal disorder;
KW sports-related joint disorder; osteoarthritis; rheumatoid arthritis;
KW wound healing; obesity; diabetes; hearing loss;
KW cardiac insufficiency disorder; kidney disorder; nervous system disorder;
KW haemoglobin associated disorder.
XX
OS Homo sapiens.
XX
FN US2003050241-A1.
XX
PD 13-MAR-2003.
XX
PF 16-OCT-2001; 2001US-00978564.
XX
PR 17-OCT-1997; 97US-0062250P.
PR 03-NOV-1997; 97US-0064249P.
PR 13-NOV-1997; 97US-0065311P.
PR 21-NOV-1997; 97US-0066364P.
PR 10-MAR-1998; 98US-0077450P.
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PR 20-MAR-1998; 98US-0078936P.
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PR 05-MAY-1998; 98US-0084366P.
PR 06-MAY-1998; 98US-0084414P.
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PR 07-MAY-1998; 98US-0084598P.
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PR 15-MAY-1998; 98US-0085700P.
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PR 22-MAY-1998; 98US-0086414P.
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PR 28-MAY-1998; 98US-0087098P.
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PR 26-JUN-1998; 98US-0090863P.
PR 26-JUN-1998; 98US-0091010P.
PR 01-JUL-1998; 98US-0091359P.
PR 30-JUL-1998; 98US-0094851P.
PR 11-SEP-1998; 98US-0100038P.
PR 07-OCT-1998; 98US-0100211P.
PR 20-NOV-1998; 98US-0109304P.
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PR 29-MAR-1999; 98US-0126773P.
PR 21-APR-1999; 98US-0130232P.
PR 21-APR-1999; 98US-0130232P.
PR 28-APR-1999; 98US-0131022P.
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PR 14-MAY-1999; 98US-0134287P.
PR 14-MAY-1999; 98US-0134287P.
PR 02-JUN-1999; 98US-0139557P.
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PR 23-JUN-1999; 98US-0141037P.
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PR 26-JUL-1999; 98US-0145698P.
PR 28-JUL-1999; 98US-0146222P.

PR 29-OCT-1999; 99US-0162506P.
PR 30-NOV-1999; 99US-0162506P.
PR 02-DEC-1999; 99US-0162506P.
PR 02-DEC-1999; 99US-0162506P.
PR 16-DEC-1999; 99US-0162506P.
PR 30-DEC-1999; 99US-0162506P.
PR 05-JAN-2000; 99US-0162506P.
PR 06-JAN-2000; 99US-0162506P.
PR 11-FEB-2000; 99US-0162506P.
PR 18-FEB-2000; 99US-0162506P.
PR 24-FEB-2000; 99US-0162506P.
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PR 22-MAY-2000; 99US-0162506P.
PR 30-MAY-2000; 99US-0162506P.
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PR 28-JUL-2000; 99US-0162506P.
PR 24-AUG-2000; 99US-0162506P.
PR 01-DEC-2000; 99US-0162506P.
PR 20-DEC-2000; 99US-0162506P.
PR 28-FEB-2001; 99US-0162506P.
PR 22-MAR-2001; 99US-0162506P.
PR 25-MAY-2001; 99US-0162506P.
PR 01-JUN-2001; 99US-0162506P.
PR 20-JUN-2001; 99US-0162506P.
PR 29-JUN-2001; 99US-0162506P.
PR 09-JUL-2001; 99US-0162506P.
PR 30-JUL-2001; 99US-0162506P.

XX (GETH ) GENENTECH INC.
XX Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;
XX Ferrera N, Filvaroff E, Fong S, Gao W, Gerber H, Garritsen ME;
XX Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;
XX Kijavini IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;
XX Stewart TA, Tumas D, Williams PM, Wood WI;
XX WPI; 2003-521814/49.
XX P-PSDB; ADA24658.
XX
XX New isolated PRO polypeptides for example extracellular, secreted and
XX membrane bound proteins, useful for modulating the biological activities
XX of cells and for treating, for example diabetes, cancer, rheumatoid
XX arthritis, and hearing loss.
XX
XX Claim 2; Fig 44; 461pp; English.
XX
XX The invention describes an isolated secreted and transmembrane (PRO)
XX polypeptide (I). PRO337 polypeptide is useful for detecting PRO4993
XX polypeptide in a sample, and vice versa. PRO725, PRO700 and PRO739 are
XX useful for detecting PRO1559 polypeptide in a sample, and PRO1559 is
XX useful for detecting PRO725, PRO700 and PRO739 in a sample. PRO4993 is
XX useful for linking a bioactive molecule to a cell expressing a PRO337
XX polypeptide, and PRO337 is useful for linking a bioactive molecule to a
XX cell expressing a PRO4993 polypeptide. PRO1559 is useful for linking a
XX bioactive molecule to a cell expressing a PRO735, PRO700 and PRO739
XX
XX Query Match 99.7%; Score 2253; DB 8; Length 2260;
XX Best Local Similarity 100.0%; Pred. No. 0;
XX Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX Qy 1 CGGACCGGTGGTGGAGTGGAGCGGAGGACCGGAGCGGTGAGGAGAGAGGCGGCG 60
XX |
XX Db 1 CGGACCGGTGGTGGAGTGGAGCGGAGGACCGGAGCGGTGAGGAGAGAGGCGGCG 60
XX |
XX Qy 61 GCTTAGCTCTACGGGTCCGCGCGCGCCCTCCGAGGGGGGCTCAGGAGAGAGGA 120
XX |
XX Db 61 GCTTAGCTCTACGGGTCCGCGCGCGCCCTCCGAGGGGGGCTCAGGAGAGAGGA 120
XX |
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DB 121 GGACCCGTGGAGATGCTTGGCCCTGGAGCCTTGGCGTCCCGTCTCTCTCTGGG 180
QY 181 TGGCAGGTGGTTTCGGGAACCGGGCCAGTGCAGGATCAGCGGTGTTAGCATCGGCAC 240
DB 181 TGGCAGGTGGTTTCGGGAACCGGGCCAGTGCAGGATCAGCGGTGTTAGCATCGGCAC 240
QY 241 GTGAGCCTGGGTCTCTACTATGAATTAACCTGGCTGTCTGTACCGCTGGGAGAGAA 300
DB 241 GTGAGCCTGGGTCTCTACTATGAATTAACCTGGCTGTCTGTACCGCTGGGAGAGAA 300
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QY 421 ATGAGTGTGGAATGAACCCCGGCAATGCCAACACAGATGTGATACACAGGAAGCT 480
DB 421 ATGAGTGTGGAATGAACCCCGGCAATGCCAACACAGATGTGATACACAGGAAGCT 480
QY 481 ACAAGTGTCTTTGGCTCAGTGGCCACATGCTCATGCCAGATGCTACGTGTGTGAACCTA 540
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DB 601 GCTGTGTCCATCCTCAGACCTCCGCTGGCCCAATGGAAGAGACTGTCTAGATATTG 660
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QY 721 GAAGCTACTACTGCAATGTCACTGTGCAATGTGCAATGTGCAATGTGCAATGTGCA 780
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QY 781 ACTGTATAGATATAATGAATGATCTATGATAGCCATACGTGAGGCCACCATGCCAATT 840
DB 781 ACTGTATAGATATAATGAATGATCTATGATAGCCATACGTGAGGCCACCATGCCAATT 840
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DB 841 GCTTCATACCAAGGTCCTTCAAGTGTAAATGCACAGCGATATAGAGGCAATGGAC 900
QY 901 TTCGCTGTCTGCTATCCCTGAAATTTCTGTGAAGGAGTCTCTCAGAGCAGCTGGTACCA 960
DB 901 TTCGCTGTCTGCTATCCCTGAAATTTCTGTGAAGGAGTCTCTCAGAGCAGCTGGTACCA 960
QY 961 TCAGAGACAGATCAAGAGTGTCTGTCTCAAAACACAGATGAAAGAGGCAAAAA 1020
DB 961 TCAGAGACAGATCAAGAGTGTCTGTCTCAAAACACAGATGAAAGAGGCAAAAA 1020
QY 1021 TTAATAAATGTATCCCGCAGAACCCACAGGACTCTTACCCCTTAAGGTGAATTCGAGCCCT 1080
DB 1021 TTAATAAATGTATCCCGCAGAACCCACAGGACTCTTACCCCTTAAGGTGAATTCGAGCCCT 1080
QY 1081 TCMACTATGAAGATAGTTCAGAGGGGGAATCTCATGGAGGTAAAGAGGGAATG 1140
DB 1081 TCMACTATGAAGATAGTTCAGAGGGGGAATCTCATGGAGGTAAAGAGGGAATG 1140
QY 1141 AAGAGAAATGAAGAGGGGCTTGAGATGAGAAAGAGAGAGAGCCCTGAGAGATGA 1200
DB 1141 AAGAGAAATGAAGAGGGGCTTGAGATGAGAAAGAGAGAGAGCCCTGAGAGATGA 1200

QY 1201 CATAGAGAGCGAAGCCTGCGAGGAGATGTGTTTCCCTAAGCTGAATGAAGCAGGTGA 1260
DB 1201 CATAGAGAGCGAAGCCTGCGAGGAGATGTGTTTCCCTAAGCTGAATGAAGCAGGTGA 1260
QY 1261 ATTCCGCTGATTTCTGCTCCAAAGGAAGCGCTAACTTCCAACTGGAACATAAAGATTT 1320
DB 1261 ATTCCGCTGATTTCTGCTCCAAAGGAAGCGCTAACTTCCAACTGGAACATAAAGATTT 1320
QY 1321 AAATATCTCGGTGAGTGCAGCTTCAATCATGGGATCTGTGACTGGAAAACAGGATAGAGA 1380
DB 1321 AAATATCTCGGTGAGTGCAGCTTCAATCATGGGATCTGTGACTGGAAAACAGGATAGAGA 1380
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QY 1441 TCCGCTCTGGCAGGTCAACAGAAAGACATTTGGCCGATTTGAACTTCTCTACCTGACCT 1500
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QY 1501 GCAACCCCAAAGCAACTTCTGTTTGTCTTTGATTACCGGCTGGCCGGAGACAAAAGTCGG 1560
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DB 1621 TGAGATGAAAGTGGAAAGACAGGGAAAAATTCAGTTGTATCAAGGAACTGATGCTACCAA 1680
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DB 1681 AAGCATATTTTGAAGCAGAACTGCGAGGCAAAACCGGCAAAATCGCAGTGGATGG 1740
QY 1741 CGTCTGTCTGTTTCAAGCTTATGTCAGATAGCTTTTATCTGTGATGACTGAATGTT 1800
DB 1741 CGTCTGTCTGTTTCAAGCTTATGTCAGATAGCTTTTATCTGTGATGACTGAATGTT 1800
QY 1801 ACTATCTTATATTTGATGTTGATGTCAGTCCCTGGTTTTTTTGGATATGATCATAG 1860
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QY 1981 ATCTTCTCAGTCATTTCTGAACTTTTCNCATTTATTTATAAATTTGAAANGTCAGTT 2040
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DB 2101 CATTTCTAGAAAATAGAAAAAGACAGAGAAATGTTTAACTGTTTGGACTCTTATGAT 2160
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DB 2161 ACTTCTTGGAACTTATGACATCAAGATAGACTTTTGGCTTAAAGTGGCTTACGCTGGGTCTT 2220
QY 2221 TCATAGCCAAACTTGTATTTTAACTTCTTGTATATATAA 2260
DB 2221 TCATAGCCAAACTTGTATTTTAACTTCTTGTATATATAA 2260

RESULT 11
ACD29705
ID ACD29705 standard; cDNA; 2260 BP.
XX
AC ACD29705;
DT 08-SEP-2003 (first entry)
XX
DE Novel human secreted and transmembrane protein PRO320 cDNA.
XX
KW Human; secreted and transmembrane protein; PRO; cell death; neuropathy;
KW peripheral neuropathy; diabetic peripheral neuropathy;
KW AIDS-associated neuropathy; Charcot-Marie-Tooth disease;
KW Refsum's disease; Abetalipoproteinemia; Tangier disease;
KW Krabe's disease; Metachromatic leukodystrophy; Fabry's disease;
KW Dejerine-Sottas syndrome; chromosome mapping; Gene therapy;
KW Gene; ss.
XX
OS Homo sapiens.
XX
PN US2003050240-A1.
XX
PD 13-MAR-2003.
XX
FF 16-OCT-2001; 2001US-00978403.
XX
PR 17-OCT-1997; 97US-0062250P.
PR 03-NOV-1997; 97US-0064249P.
PR 13-NOV-1997; 97US-0065311P.
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PR 25-MAR-1998; 98US-0079294P.
PR 26-MAR-1998; 98US-0079656P.
PR 27-MAR-1998; 98US-0079663P.
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PR 06-MAY-1998; 98US-0084414P.
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PR 28-MAY-1998; 98US-0087106P.
PR 28-MAY-1998; 98US-0087208P.
PR 28-JUN-1998; 98US-0090863P.
PR 28-JUN-1998; 98US-0091010P.
PR 01-JUL-1998; 98US-0091359P.
PR 30-JUL-1998; 98US-0094651P.
PR 11-SEP-1998; 98US-0100038P.
PR 07-OCT-1998; 98WO-US021141.
PR 20-NOV-1998; 98US-0109304P.
PR 20-NOV-1998; 98WO-US024855.
PR 22-DEC-1998; 98US-0113298P.
PR 23-DEC-1998; 98US-0113621P.
PR 05-JAN-1999; 99WO-US000106.
PR 08-MAR-1999; 99WO-US005028.
PR 10-MAR-1999; 99WO-US005190.
PR 12-MAR-1999; 99US-0123957P.
PR 23-MAR-1999; 99US-0126773P.
PR 21-APR-1999; 99US-0130232P.
PR 28-APR-1999; 99US-0131022P.
PR 28-APR-1999; 99US-0131445P.
PR 14-MAY-1999; 99US-0134287P.
PR 02-JUN-1999; 99WO-US010723.
PR 16-JUN-1999; 99US-0139557P.
PR 23-JUN-1999; 99US-0141037P.
PR 07-JUL-1999; 99US-0142680P.
PR 26-JUL-1999; 99US-0145698P.
PR 28-JUL-1999; 99US-0146222P.
PR 29-OCT-1999; 99US-0162506P.
PR 30-NOV-1999; 99WO-US028313.
PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028565.

PR 16-DEC-1999; 99WO-US030095.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000377.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 24-FEB-2000; 2000WO-US005004.
PR 02-MAR-2000; 2000WO-US005841.
PR 10-MAR-2000; 2000WO-US006319.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 24-AUG-2000; 2000WO-US023328.
PR 01-DEC-2000; 2000WO-US032878.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001WO-US006520.
PR 22-MAR-2001; 2001WO-US009552.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001WO-US017800.
PR 20-JUN-2001; 2001WO-US019692.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 30-JUL-2001; 2001WO-US021855.
XX PA (GETH) GENENTECH INC.

XX PI Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;
PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;
PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;
PI Kijavini IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;
PI Stewart TA, Tumas D, Williams PM, Wood WL;
XX WPI: 2003-503575/47.
DR P-PSDB; ABO19659.

XX PI Novel secreted and transmembrane polypeptide for modulating biological
PT activity of cell expressing the polypeptide, identifying agonists or
PT antagonists of polypeptide, and as molecular weight markers.
XX Claim 2; Fig 44; 459pp; English.

CC The invention describes an isolated, secreted and transmembrane
CC polypeptide, termed PRO polypeptide (i). (i) is useful for detecting
CC PRO4993, PRO337, PRO1559, PRO725, PRO700 or PRO739 polypeptide, and for
CC linking a bioactive molecule to a cell expressing the above polypeptides.
CC The bioactive molecule is a toxin, radiolabel or an antibody and causes
CC cell death. (i) is useful as therapeutic agent, in medical and industrial
CC applications e.g. for treating neuropathy, especially peripheral
CC neuropathy, diabetic peripheral neuropathy, AIDS-associated neuropathy,
CC Charcot-Marie-Tooth disease, Refsum's disease, Abetalipoproteinemia,

Query Match 99.7%; Score 2253; DB 8; Length 2260;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGAGCGCTGGTGGAGTGGAGCGGAGCGGAGCGGCTCGAGGAGGAGGCGGCG 60
DB 1 CGAGCGCTGGTGGAGTGGAGCGGAGCGGAGCGGCTCGAGGAGGAGGCGGCG 60
QY 61 GCTTAGCTCTACGGGGTCCGGCCCGGCGGCTCCGAGGGGGCTCGAGGAGGAGGAGGA 120
DB 61 GCTTAGCTCTACGGGGTCCGGCCCGGCGGCTCCGAGGGGGCTCGAGGAGGAGGAGGA 120
QY 121 GGACCGCTCGAGAGATGCTCTGGCCCTGGAGGCTTCCGCTCCGCTGCTCTCTGGG 180
DB 121 GGACCGCTCGAGAGATGCTCTGGCCCTGGAGGCTTCCGCTCCGCTGCTCTCTGGG 180

QY 181 TGGCAGGTGGTTCGGGAAACGGGCGAGTGCAGGCGATCACGGGTGTGTAGCATCGGCAC 240
DB TGGCAGGTGGTTCGGGAAACGGGCGAGTGCAGGCGATCACGGGTGTGTAGCATCGGCAC 240
QY 241 GTGAGCTGGGTCTGTCACTATGGAACCTAAACTGCGCTGCTGCTACGGCTGAGAGAA 300
DB GTGAGCTGGGTCTGTCACTATGGAACCTAAACTGCGCTGCTGCTACGGCTGAGAGAA 300
QY 301 ACAGCAAGGAGTCTGTGAAGCTACATGCGAACTGTGAATGTAAAGTTTGGTGGTGGTGG 360
DB ACAGCAAGGAGTCTGTGAAGCTACATGCGAACTGTGAATGTAAAGTTTGGTGGTGGTGG 360
QY 361 GACCAAACTAATGCAATGCTTTCCAGGATACACCGGAAACCTGCACTCAAGATGCA 420
DB GACCAAACTAATGCAATGCTTTCCAGGATACACCGGAAACCTGCACTCAAGATGCA 420
QY 421 ATGAGTGTGAATGAACCCCGGCTATGCCAACACAGATGTGTGAATACACACGGAAGCT 480
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DB GGACATGTGCATGATATAACTGTGCTAGTACAGCTGTGAAGACACAGAAAGAGGCCACAGT 600
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QY 721 GAAGCTACTACTGCAATGTCAATGGTTTTCGAACTGCAATATATCAGTGGACGATG 780
DB GAAGCTACTACTGCAATGTCAATGGTTTTCGAACTGCAATATATCAGTGGACGATG 780
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QY 841 GCTTCAATACCCAGGGTCTCTCAAGTGTAAATGCAAGCAGGATATAAGGCAATGGAC 900
DB GCTTCAATACCCAGGGTCTCTCAAGTGTAAATGCAAGCAGGATATAAGGCAATGGAC 900
QY 901 TTCGGTGTCTGCTATCCCTGAAATTTCTGGAAGGAGTCTCTCAGAGCACCTGGTACCA 960
DB TTCGGTGTCTGCTATCCCTGAAATTTCTGGAAGGAGTCTCTCAGAGCACCTGGTACCA 960
QY 961 TCAAGACAGAAATCAAGAAGTTGCTTCTCACAACCAACAGCATGAAAGAGGCAACAAA 1020
DB TCAAGACAGAAATCAAGAAGTTGCTTCTCACAACCAACAGCATGAAAGAGGCAACAAA 1020
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DB TTAATAATGTACCCGAGACCCACAGGACTCTACCCCTTAAGGTGAATCTTGCAGCCCT 1080
QY 1081 TCAACTATGAAGATAGTTTCCAGAGCGGGAATCTCTCATGGAGGTAAAGAGGGAATG 1140
DB TCAACTATGAAGATAGTTTCCAGAGCGGGAATCTCTCATGGAGGTAAAGAGGGAATG 1140
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Db 2221 TCATAGCAAACTTGTATTTATTTATTTCTTTGTATATATA 2260

RESULT 12

ADA12318

ID ADA12318 standard; cDNA; 2260 BP.

XX

AC ADA12318;

XX DT 06-NOV-2003 (first entry)
XX DE Human cDNA encoding secreted/transmembrane polypeptide PRO320.
XX KW ss; gene; inflammatory disease; organ failure; atherosclerosis;
XX KM cardiac injury; infertility; birth defect; premature aging; AIDS; cancer;
XX KW diabetic complication; tissue typing; human.
XX OS Homo sapiens.
XX FN US2003055216-A1.
XX PD 20-MAR-2003.
XX PF 17-OCT-2001; 2001US-00978824.
XX PR 21-MAY-1996; 96US-0018049P.
PR 17-OCT-1997; 97US-0062250P.
PR 03-NOV-1997; 97US-0064249P.
PR 13-NOV-1997; 97US-0065311P.
PR 21-NOV-1997; 97US-0066364P.
PR 10-MAR-1998; 98US-0077450P.
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PR 11-MAR-1998; 98US-0077649P.
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PR 31-MAR-1998; 98US-0080165P.
PR 31-MAR-1998; 98US-0080194P.
PR 01-APR-1998; 98US-0080327P.
PR 01-APR-1998; 98US-0080328P.
PR 01-APR-1998; 98US-0080333P.
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RESULT 13

ACD29120
ID ACD29120 standard; cDNA; 2260 BP.

XX ACD29120;

XX AC ACD29120;

XX DF 27-AUG-2003 (first entry)

XX DE Novel human secreted and transmembrane polypeptide cDNA #27.

XX

KW Human; secreted and transmembrane protein; PRO; viral infection;
KW tumour growth; retinal disorder; injury; sight loss;
KW reinitis pigmentosum; age-related macular degeneration;
KW sport-related joint problem; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; wound healing; obesity; diabetes; insulinemia;
KW kidney disorder; mesangial cell function; Berger disease; nephropathy;
KW celiac disease; dermatitis; Crohn disease; neuropathy;
KW cardiac insufficiency disorder; peripheral neuropathy;
KW diabetic peripheral neuropathy; autonomic neuropathy;
KW reduced motility of the gastrointestinal tract;
KW atony of the urinary bladder; post polio syndrome; Krabbe's disease;
KW Charcot-Marie-Tooth disease; Fabry's disease; Tangier disease;
KW Refsum's disease; Gene; ss.
XX OS
XX Homo sapiens.
XX OS
XX US2003049633-A1.
XX PN
XX 13-MAR-2003.
XX PD
XX PF
XX 16-OCT-2001; 2001US-00978585.
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PR 22-DEC-1998; 98US-00218517.
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PR 23-DEC-1998; 98US-0113621P.
PR 05-JAN-1999; 98US-0000106.
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RESULT 15
ADB76340

ID ADB76340 standard; cDNA; 2260 BP.

XX ADB76340;

AC ADB76340;

XX 04-DEC-2003 (first entry)

XX Human PRO polynucleotide sequence #27.

DE Human; PRO polypeptide; secreted protein; transmembrane protein;
KW cell death; neuropathy; neuropathy related disease;
KW Charcot-Marie-Tooth disorder; Refsum's disease; Krabbe's disease;
KW chromosome mapping; gene mapping; genetic disorder; septic shock;
KW antibacterial; immunosuppressive; neuroprotective; gene; ss.

XX Homo sapiens.

XX US2003083248-A1.

XX

PD 01-MAY-2003.
XX 15-OCT-2001; 2001US-00978757.
PF 17-OCT-1997; 97US-0062250P.
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PF 07-MAY-1998; 98US-0084637P.
PF 07-MAY-1998; 98US-0084639P.
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PR 15-MAY-1998; 98US-0085697P.
PR 15-MAY-1998; 98US-0085700P.
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PR 22-MAY-1998; 98US-0086392P.
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PR 30-JUL-1998; 98US-0094651P.
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PR 07-OCT-1998; 98WO-US021141.
PR 20-NOV-1998; 98US-0109304P.
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PR 21-APR-1999; 99US-0130232P.
PR 26-APR-1999; 99US-0131022P.
PR 28-APR-1999; 99US-0131445P.
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PR 03-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
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PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 24-FEB-2000; 2000WO-US005004.
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PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 24-AUG-2000; 2000WO-US023328.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001WO-US006520.
PR 22-MAR-2001; 2001WO-US009552.

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Qy	1681	AAGCATCATTTTTTGAAGCAGAAACGTCGGCAAGGGCAAAAACCGGCGAAATTCGCAGTGGATGG	1740
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Qy	1741	CGCTGCTGCTGTTTTTCAGGCTTATGTCACAGATAGCCCTTTTATCTGTGGATGACTCAATGTT	1800
Db	1741	CGCTGCTGCTGTTTTTCAGGCTTATGTCACAGATAGCCCTTTTATCTGTGGATGACTCAATGTT	1800
Qy	1801	ACTATCTTTATATTTGATCTGTTGATCTCAGTTCCTCGGTTTTTTTGGATATGATGATCATAG	1860
Db	1801	ACTATCTTTATATTTGATCTGTTGATCTCAGTTCCTCGGTTTTTTTGGATATGATGATCATAG	1860
Qy	1861	GACCTCTGGCAATTTTACAATTTACTAGCTGAAAAATTTGTAATGTTACCAACAGAAAAATATTAT	1920
Db	1861	GACCTCTGGCAATTTTACAATTTACTAGCTGAAAAATTTGTAATGTTACCAACAGAAAAATATTAT	1920
Qy	1921	TGTAAGATGCGCTTCTTGTATATAGATATGCCAAATATTTTGCCTTTAAATATCATATCAGT	1980
Db	1921	TGTAAGATGCGCTTCTTGTATATAGATATGCCAAATATTTTGCCTTTAAATATCATATCAGT	1980
Qy	1981	ATCTTCTCAGTCATTTCTGGAATCTTTCCNCATTTATTTATATAAAATNTGAAAANGTCAGTT	2040
Db	1981	ATCTTCTCAGTCATTTCTGGAATCTTTCCNCATTTATTTATATAAAATNTGAAAANGTCAGTT	2040
Qy	2041	TATCTCCCTCCTCNGPATATCATGATTTGTATFANGTANGTTGATGNGCTTCTCTCTACAA	2100
Db	2041	TATCTCCCTCCTCNGPATATCATGATTTGTATFANGTANGTTGATGNGCTTCTCTCTACAA	2100
Qy	2101	CATTTCTAGAAAAATAGAAAAAAGACACAGAGAAATGTTTAACTGTTTGACTCTTTATGAT	2160
Db	2101	CATTTCTAGAAAAATAGAAAAAAGACACAGAGAAATGTTTAACTGTTTGACTCTTTATGAT	2160
Qy	2161	ACTTCTGGAAACTATGACATCAAGATAGACTTTTGCTTAAGTGGCTTAGCTGGGCTTT	2220
Db	2161	ACTTCTGGAAACTATGACATCAAGATAGACTTTTGCTTAAGTGGCTTAGCTGGGCTTT	2220
Qy	2221	TCATAGCCAAACTTGTATATTTAAATCTTTGTAATAATAA	2260
Db	2221	TCATAGCCAAACTTGTATATTTAAATCTTTGTAATAATAA	2260
RESULT 17			
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ID ADCG1526 standard; cDNA; 2260 BP.			
XX	AC	ADCG1526;	
XX	AC	ADCG1526;	
XX	DT	18-DEC-2003 (first entry)	
XX	DT	18-DEC-2003 (first entry)	
XX	XX	Human cDNA encoding secreted/transmembrane protein, PRO320.	
DE	XX	Human; ss; gene; secreted protein; transmembrane protein; PRO;	
KW	KW	cytostatic; ophthalmological; antiarthritic; osteopathic; antirheumatic;	
KW	KW	vulnerary; auditory; tumour growth; retinal disorder;	
KW	KW	sports-related joint problem; articular cartilage defects;	
KW	KW	osteoarthritis; rheumatoid arthritis; wound healing; hearing loss.	
XX	OS	Homo sapiens.	
XX	OS	Homo sapiens.	
XX	FN	US2003049684-A1.	
XX	XX	13-MAR-2003.	
XX	XX	24-OCT-2001; 2001US-00017081.	
XX	XX	17-OCT-1997; 97US-0062250P.	
PR	PR	03-NOV-1997; 97US-0084249P.	
PR	PR	13-NOV-1997; 97US-0085311P.	
PR	PR	21-NOV-1997; 97US-0066364P.	
PR	PR	10-MAR-1998; 98US-0077452P.	
PR	PR	11-MAR-1998; 98US-0077632P.	

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PR	11-SEP-1998,	98US-0100038P,
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PR	07-OCT-1998,	98WO-US021144,
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PR	28-APR-1999,	98US-0131445P,
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PR	14-MAY-1999,	98WO-US010733,
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PR	30-NOV-1999,	98WO-US028313,
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PR	06-JAN-2000,	2000WO-US000277,
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DB 1741 CGCTTCGCTGTTTTCAGGCTTATGTCAGATAGACCTTTTATCTGTGGATGACTGAATGTT 1800
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DB 1801 ACTATCTTTTATTTGACTTTTGTATGTCAGTCCCTGGTTTTTTTTCATATTCATCATAG 1860
QY 1861 GACCTCTGGCAATTTAGAAATCTAGCTGAAAAATTTGTAATGTACCAACAGAAATATTAT 1920
DB 1861 GACCTCTGGCAATTTAGAAATCTAGCTGAAAAATTTGTAATGTACCAACAGAAATATTAT 1920
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QY 2101 CATTTCTAGAAAAATAGAAAAAAGACACAGAGAAATGTTTAACTGTTTGACTCTTTATGAT 2160
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QY 2161 ACTTCTTGGAACCTATGACATCAAGTAGACCTTTGCTTAACTGCTAGCTGGGTCTT 2220
DB 2161 ACTTCTTGGAACCTATGACATCAAGTAGACCTTTGCTTAACTGCTAGCTGGGTCTT 2220
QY 2221 TCATAGCCAACTTGTAATTTAATTTCTTTGTAATAATAA 2260
DB 2221 TCATAGCCAACTTGTAATTTAATTTCTTTGTAATAATAA 2260

RESULT 18
ID ADC63490
XX ID ADC63490 standard; cDNA; 2260 BP.
AC ADC63490;
XX AC
DT 18-DEC-2003 (first entry)
XX DT
DE Human cDNA encoding secreted/transmembrane protein, PRO320.
XX DE
KW Human; ss; gene; secreted protein; transmembrane protein; PRO;
KW cytosolic; ophthalmological; antiarthritic; osteopathic; antirheumatic;
KW vulnery; auditory; tumour growth; retinal disorder;
KW sports-related joint problem; articular cartilage defects;
KW osteoarthritis; rheumatoid arthritis; wound healing; hearing loss.
XX KW
OS Homo sapiens.
XX OS
PN US2003054405-A1.
XX PN
XX 20-MAR-2003.
XX XX
XX 24-OCT-2001; 2001US-00999833.
XX XX
XX 17-OCT-1997; 97US-0062250P.
XX PR
XX 03-NOV-1997; 97US-0064249P.
XX PR
XX 13-NOV-1997; 97US-0065311P.
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XX PR
XX 10-MAR-1998; 98US-0077450P.
XX PR
XX 11-MAR-1998; 98US-0077632P.
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XX PR
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Db 721 GAAGCTACTACTGCAAAATGTACAAATGGTTTCCAACTGCAATATATCATGAGCAAGATATG 780
QY 781 ACTGTATAGATATATAATGAATGTACTATGTATGATAGCCATACGTGCAGCCACCATGCAAT 840
Db 781 ACTGTATAGATATATAATGAATGTACTATGTATGATAGCCATACGTGCAGCCACCATGCAAT 840
QY 841 GCTTCAATACCAAGGTCCTTCAAGTGTAAATGCAAGCAGGATATATGAAGCAATGGAC 900
Db 841 GCTTCAATACCAAGGTCCTTCAAGTGTAAATGCAAGCAGGATATATGAAGCAATGGAC 900
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Db 901 TTCGGTGTCTGCTATCCCTGAAATCTCTGAAAGGAAGTCCTCAGAGCACCTGGTACCA 960
QY 961 TCAAAGCAGAAATCAAGAGTGTCTGCTCAAAAACAGCATGAAAGAGGCAAAA 1020
Db 961 TCAAAGCAGAAATCAAGAGTGTCTGCTCAAAAACAGCATGAAAGAGGCAAAA 1020
QY 1021 TTAATAATGTTTACCCAGAACCCACAGGACTCTACCCCTAAGGTGAATTCGAGCCCT 1080
Db 1021 TTAATAATGTTTACCCAGAACCCACAGGACTCTACCCCTAAGGTGAATTCGAGCCCT 1080
QY 1081 TCAACTATGAAGATAGTTCAGAGGCGGGAATCTCTCATGAGGTAAAGAGGAATG 1140
Db 1081 TCAACTATGAAGATAGTTCAGAGGCGGGAATCTCTCATGAGGTAAAGAGGAATG 1140
QY 1141 AAGAGAAATGAAGAGGGCTTGAAGATGAGAAAGAGAGAGAAAGCCCTGAAGATGA 1200
Db 1141 AAGAGAAATGAAGAGGGCTTGAAGATGAGAAAGAGAGAGAAAGCCCTGAAGATGA 1200
QY 1201 CATAGAGAGCGAAGCCCTGCGAGAGATGTGTTTTCCCTTAAGTGAATGAAGCAGGTGA 1260
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QY 1381 AGATGATTTGACTGGAATCTGCTGATCGAGATATGCTTATGGCTTCTATATGCACT 1440
Db 1381 AGATGATTTGACTGGAATCTGCTGATCGAGATATGCTTATGGCTTCTATATGCACT 1440
QY 1441 TCCGGCTTGGCAGTCAAGAGAGACATTTGGCGGATTTGAAACTTCTCTACCTGACCT 1500
Db 1441 TCCGGCTTGGCAGTCAAGAGAGACATTTGGCGGATTTGAAACTTCTCTACCTGACCT 1500
QY 1501 GCAACCCCAAGCAACTTCTGTTGCTTTTGTATACCGGCTGGCGGAGACAAAGTCGG 1560
Db 1501 GCAACCCCAAGCAACTTCTGTTGCTTTTGTATACCGGCTGGCGGAGACAAAGTCGG 1560
QY 1561 GAAACTTCGAGTGTGTTGAAAAACAGTAACATGCTGCTGATGGAGAGACCAAGCAG 1620
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QY 1621 TGAGGATGAAAGTGGAGAGACAGGAAAAATTCAGTTGTATCAAGGAACCTGATCCCAA 1680
Db 1621 TGAGGATGAAAGTGGAGAGACAGGAAAAATTCAGTTGTATCAAGGAACCTGATCCCAA 1680
QY 1681 AAGCATCATTTTGAAGCAGACAGTGGCAGGGGCAAAACCGGGAATTCGAGTGGATGG 1740
Db 1681 AAGCATCATTTTGAAGCAGACAGTGGCAGGGGCAAAACCGGGAATTCGAGTGGATGG 1740
QY 1741 CGTCTGTGTTTCAAGCTTATGTCAGATAGAGGCTTTTATCTGTGGATGACTGAATGTT 1800
Db 1741 CGTCTGTGTTTCAAGCTTATGTCAGATAGAGGCTTTTATCTGTGGATGACTGAATGTT 1800

QY 1801 ACTATCTTTATATTTGACTTTGTATGTCAGTTTCCCTGGTTTTTTTGTATATTCATCATAG 1860
Db 1801 ACTATCTTTATATTTGACTTTGTATGTCAGTTTCCCTGGTTTTTTTGTATATTCATCATAG 1860
QY 1861 GACCTCTGGCAATTTAGAATTAAGTCTGAAAAATGTAAATGTACCAACAGAAAAATTAT 1920
Db 1861 GACCTCTGGCAATTTAGAATTAAGTCTGAAAAATGTAAATGTACCAACAGAAAAATTAT 1920
QY 1921 TGTAAAGATGCTTTCTGTTATAGATATGCCAATATTTGCTTTTAAATATCATATCACTGT 1980
Db 1921 TGTAAAGATGCTTTCTGTTATAGATATGCCAATATTTGCTTTTAAATATCATATCACTGT 1980
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QY 2041 TATCTCCCTCCCTCNGTATATCTGATTTGTATANGTGTGATGCTTCTCTACAA 2100
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QY 2161 ACTTCTTGGAAAACTATGACATCAAGATAGACTTTTGCCTTAAGTGGCTTAGCTGGTCT 2220
Db 2161 ACTTCTTGGAAAACTATGACATCAAGATAGACTTTTGCCTTAAGTGGCTTAGCTGGTCT 2220
QY 2221 TCATAGCAAACTTGATATATTTAAATCTTTTGTAAATAATAA 2260
Db 2221 TCATAGCAAACTTGATATATTTAAATCTTTTGTAAATAATAA 2260

RESULT 19
ADC66590
ID ADC66590 standard; cDNA; 2260 BP.
XX AC ADC66590;
XX DT 18-DEC-2003 (first entry)
XX DE Human cDNA encoding secreted/transmembrane protein, PRO320.
XX KW vulnery; virucide; neuroprotective; cytostatic; gene therapy;
KW tumour cell proliferation inhibitor;
KW secreted and transmembrane protein; PRO; viral infection; wound healing;
KW tissue growth; muscle generation; muscle regeneration;
KW amyotrophic lateral sclerosis; neuropathy; AIDS-associated neuropathy;
KW diabetic peripheral neuropathy; chromosome identification; antagonist;
KW tissue typing; immunohistochemical staining; gene; ss.
OS Homo sapiens.
XX US2003060406-A1.
XX PD 27-MAR-2003.
XX PF 30-JUL-2001; 2001US-00918585.
XX PR 17-OCT-1997; 97US-0062250P.
XX PR 03-NOV-1997; 97US-0064249P.
XX PR 13-NOV-1997; 97US-0065311P.
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XX PR 13-MAR-1998; 98US-0078004P.
XX PR 17-MAR-1998; 98US-00040220.
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XX PR 20-MAR-1998; 98US-0078936P.

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RESULT 20

ADC68714

ID ADC68714 standard; cDNA; 2260 BP.

XX AC ADC68714;

XX AC

DT 18-DEC-2003 (first entry)

XX DE

DE Human cDNA encoding secreted/transmembrane protein, PRO320.

XX KW

KW Human; ss; gene; secreted protein; transmembrane protein; PRO;

KW cytostatic; ophthalmological; antiarthritic; osteopathic; antirheumatic;
KW vulnary; auditory; tumour growth; retinal disorder;
KW sports-related joint problem; articular cartilage defects;
XX osteoarthritis; rheumatoid arthritis; wound healing; hearing loss.
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PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 24-AUG-2000; 2000WO-US023328.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001WO-US006520.
PR 22-MAR-2001; 2001WO-US009552.
PR 25-MAY-2001; 2001WO-US017092.

PR 01-JUN-2001; 2001WO-US017800.
PR 20-JUN-2001; 2001WO-US019692.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 30-JUL-2001; 2001US-00918585.
XX (GETH) GENENTECH INC.
XX Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL,
PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME,
PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ,
PI Kljavin IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL,
PI Stewart TA, Tumas D, Williams PM, Wood WI,
XX WPI; 2003-695924/66.
DR P-PSDB; ADC62775.
XX New isolated secreted and transmembrane PRO polypeptides, useful in the
PT preparation of a medicament for treating a condition responsive to the
PT polypeptide, and as therapeutic agents e.g. vaccines.
XX Claim 2; SEQ ID NO 118; 467pp; English.
XX The invention relates to an isolated PRO polypeptide (secreted or
CC transmembrane protein) having at least 80% amino acid sequence identity
CC to an amino acid sequence chosen from 94 fully defined sequences as given
CC in the specification (including PRO lacking its associated signal
CC peptide, a PRO extracellular domain with or without its associated signal
CC peptide). Also included are nucleic acids encoding the PRO proteins
CC mentioned above, a vector comprising a PRO nucleic acid, a host cell
CC comprising the vector and producing PRO, a chimeric molecule comprising
CC PRO fused to a heterologous amino acid sequence, and an anti-PRO
CC antibody. PRO337 polypeptide is useful for detecting a PRO4993
CC polypeptide in a sample suspected of containing PRO4993 polypeptide.
CC Similarly, PRO4993 polypeptide is useful for detecting PRO337
CC polypeptide. PRO725, PRO700 or PRO739 polypeptide is useful for detecting
CC PRO1559 polypeptide, and PRO1559 polypeptide is useful for detecting
CC PRO725, PRO700 or PRO739. PRO4993 polypeptide is useful for linking a
CC bioactive molecule to a cell expressing PRO337 polypeptide. The bioactive
CC molecule is the toxin, radiolabel, or an antibody. The bioactive molecule

Query Match 99.7%; Score 2253; DB 9; Length 2260;

Best Local Similarity 100.0%; Pred. No. 0;

Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGGCTGGGTCGGAGTGGAGCGGAGGACCGGAGCGGCTGAGGAGAGGAGGCGCG 60
DB 1 CGGACGGCTGGGTCGGAGTGGAGCGGAGGACCGGAGCGGCTGAGGAGAGGAGGCGCG 60
QY 61 GCTTAGCTGTACGGGGTCGGCGCGCGCGCGCTCCGAGGGGGGCTCAGGAGGAGGAGGA 120
DB 61 GCTTAGCTGTACGGGGTCGGCGCGCGCGCGCTCCGAGGGGGGCTCAGGAGGAGGAGGA 120
QY 121 GGACCCGTGGAGAAATGCTCTGCGCTGGAGCCTTGCGCTCCCGCTGCTCTCTCTGGG 180
DB 121 GGACCCGTGGAGAAATGCTCTGCGCTGGAGCCTTGCGCTCCCGCTGCTCTCTCTGGG 180
QY 181 TGGCAGGTGGTTTCGGAAACCGGCCAGTGCAGAGGCATACCGGGTTGTAGCATCGGCAC 240
DB 181 TGGCAGGTGGTTTCGGAAACCGGCCAGTGCAGAGGCATACCGGGTTGTAGCATCGGCAC 240
QY 241 GTACGCTGGGGTCTGTCACTATGGAATTAACCTGGCTCTGCTACGGCTGAGAGAA 300
DB 241 GTACGCTGGGGTCTGTCACTATGGAATTAACCTGGCTCTGCTACGGCTGAGAGAA 300
QY 301 ACAGCAAGGAGTGTGTGAAGCTACATCGGAACTGGATTAAGTTGGTGGTGGTGG 360
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QY 361 GACCAACAATGAGATGCTTTCCAGGATACACCGGAAACCTGCAGTCAAGATGTGA 420
DB 361 GACCAACAATGAGATGCTTTCCAGGATACACCGGAAACCTGCAGTCAAGATGTGA 420

421 ATGAGTGTGGATGAACCCCGGCCATGCCAACACAGATGTGTGAATACACACGAGCT 480
421 ATGAGTGTGGATGAACCCCGGCCATGCCAACACAGATGTGTGAATACACGAGCT 480
481 ACAAGTGTCTTTTGGCTTCAGTGGCCACATGCTCATGCCAGATGCTTACGTGTGTGAATCTTA 540
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541 GGACATGTGCCATGTAAACTGTCTAGTACAGTGTGAAGACACAGAAAGAGGCGCACGT 600
541 GGACATGTGCCATGTAAACTGTCTAGTACAGTGTGAAGACACAGAAAGAGGCGCACGT 600
601 GCGTGTGTCCATCTTCAGGACTCCGCCCTGGCCCAAAATGGAAGAGAGTGTCTAGATATTG 660
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961 TCAAGACAGATCAAGAAAGTGTCTGCTCAGAAAAAGAGGAAAGGAAAGGAAAGGAAAGG 1020
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2161 ACTTCTTGAAACTATGACATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGGCTTT 2220
2161 ACTTCTTGAAACTATGACATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGGCTTT 2220
2221 TCATAGCCAACTTGTATATTTTAACTTCTTCTTAATAATA 2260
2221 TCATAGCCAACTTGTATATTTTAACTTCTTCTTAAATAATA 2260

RESULT 22

ADC67839
ID ADC67839 standard; cDNA; 2260 BP.

XX ADC67839;

DT 18-DEC-2003 (first entry)

XX Human cDNA encoding secreted/transmembrane protein, PRO320.

XX Human; ss; gene; secreted protein; transmembrane protein; PRO;
XX cytosolic; ophthalmological; antiarthritic; osteopathic; antirheumatic;
XX vulnary; auditory; tumor growth; retinal disorder;
XX sports-related joint problem; articular cartilage defects;
XX osteoarthritis; rheumatoid arthritis; wound healing; hearing loss.

OS Homo sapiens.

XX US2003069178-A1.

XX 10-APR-2003.

PD

XX 16-OCT-2001; 2001US-00978423.
PF 17-OCT-1997; 97US-0062250P.
XX 03-NOV-1997; 97US-0064249P.
PR 13-NOV-1997; 97US-0065311P.
PR 21-NOV-1997; 97US-0066364P.
PR 10-MAR-1998; 98US-0077450P.
PR 11-MAR-1998; 98US-0077632P.
PR 11-MAR-1998; 98US-0077641P.
PR 12-MAR-1998; 98US-0077791P.
PR 12-MAR-1998; 98US-0078004P.
PR 13-MAR-1998; 98US-0078886P.
PR 20-MAR-1998; 98US-0078910P.
PR 20-MAR-1998; 98US-0078938P.
PR 20-MAR-1998; 98US-0078939P.
PR 25-MAR-1998; 98US-0079294P.
PR 26-MAR-1998; 98US-0079656P.
PR 27-MAR-1998; 98US-0079663P.
PR 27-MAR-1998; 98US-0079664P.
PR 27-MAR-1998; 98US-0079689P.
PR 27-MAR-1998; 98US-0079728P.
PR 27-MAR-1998; 98US-0079786P.
PR 30-MAR-1998; 98US-0079920P.
PR 30-MAR-1998; 98US-0079923P.
PR 31-MAR-1998; 98US-0080105P.
PR 31-MAR-1998; 98US-0080194P.
PR 01-APR-1998; 98US-0080327P.
PR 01-APR-1998; 98US-0080328P.
PR 01-APR-1998; 98US-0080333P.
PR 01-APR-1998; 98US-0080334P.
PR 08-APR-1998; 98US-0081049P.
PR 08-APR-1998; 98US-0081070P.
PR 08-APR-1998; 98US-0081071P.
PR 09-APR-1998; 98US-0081195P.
PR 09-APR-1998; 98US-0081203P.
PR 09-APR-1998; 98US-0081223P.
PR 15-APR-1998; 98US-0081817P.
PR 15-APR-1998; 98US-0081819P.
PR 15-APR-1998; 98US-0081838P.
PR 15-APR-1998; 98US-0081952P.
PR 15-APR-1998; 98US-0081955P.
PR 21-APR-1998; 98US-0082568P.
PR 21-APR-1998; 98US-0082569P.
PR 22-APR-1998; 98US-0082700P.
PR 22-APR-1998; 98US-0082704P.
PR 22-APR-1998; 98US-0082797P.
PR 23-APR-1998; 98US-0082804P.
PR 23-APR-1998; 98US-0083336P.
PR 26-APR-1998; 98US-0083322P.
PR 29-APR-1998; 98US-0083392P.
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PR 29-APR-1998; 98US-0083545P.
PR 29-APR-1998; 98US-0083558P.
PR 29-APR-1998; 98US-0083559P.
PR 30-APR-1998; 98US-0083742P.
PR 05-MAY-1998; 98US-0084366P.
PR 06-MAY-1998; 98US-0084441P.
PR 07-MAY-1998; 98US-0084598P.
PR 07-MAY-1998; 98US-0084600P.
PR 07-MAY-1998; 98US-0084627P.
PR 07-MAY-1998; 98US-0084637P.
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PR 15-MAY-1998; 98US-0085697P.
PR 15-MAY-1998; 98US-0085700P.
PR 15-MAY-1998; 98US-0085704P.
PR 18-MAY-1998; 98US-0086023P.
PR 22-MAY-1998; 98US-0086392P.
PR 22-MAY-1998; 98US-0086414P.
PR 22-MAY-1998; 98US-0086430P.
PR 22-MAY-1998; 98US-0086486P.
PR 28-MAY-1998; 98US-0087098P.
PR 28-MAY-1998; 98US-0087106P.
PR 28-MAY-1998; 98US-0087208P.
PR 26-JUN-1998; 98US-0090863P.
PR 01-JUL-1998; 98US-0091010P.
PR 30-JUL-1998; 98US-0091359P.
PR 11-SEP-1998; 98US-0094651P.
PR 07-OCT-1998; 98US-0100038P.
PR 20-NOV-1998; 98US-0109304P.
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PR 23-DEC-1998; 98US-0113621P.
PR 05-JAN-1999; 99WO-US000106.
PR 08-MAR-1999; 99WO-US005028.
PR 10-MAR-1999; 99WO-US005190.
PR 12-MAR-1999; 99US-0123957P.
PR 29-MAR-1999; 99US-0126773P.
PR 21-APR-1999; 99US-0130232P.
PR 26-APR-1999; 99US-0131022P.
PR 14-MAY-1999; 99US-0131445P.
PR 14-MAY-1999; 99US-0134287P.
PR 02-JUN-1999; 99WO-US010733.
PR 16-JUN-1999; 99US-0139557P.
PR 23-JUN-1999; 99US-0141037P.
PR 07-JUL-1999; 99US-0142680P.
PR 26-JUL-1999; 99US-0145698P.
PR 28-JUL-1999; 99US-0146223P.
PR 29-OCT-1999; 99US-0146250P.
PR 30-NOV-1999; 99WO-US028313.
PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 30-DEC-1999; 99WO-US031243.
PR 05-JAN-2000; 99WO-US031274.
PR 06-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 11-FEB-2000; 2000WO-US000376.
PR 18-FEB-2000; 2000WO-US003565.
PR 24-FEB-2000; 2000WO-US004341.
PR 02-MAR-2000; 2000WO-US005004.
PR 10-MAR-2000; 2000WO-US005841.
PR 21-MAR-2000; 2000WO-US006319.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 24-AUG-2000; 2000WO-US023328.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001WO-US006520.
PR 22-MAR-2001; 2001WO-US009552.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001WO-US017800.

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29-JUN-2001; 2001WO-US021066.
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30-JUL-2001; 2001US-00918585.
(GETH) GENENTECH INC.
PA Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;
PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;
PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hallan KJ;
PI Kijavini IU, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;
PI Stewart TA, Tumas D, Williams PM, Wood WI;
XX WPI; 2003-657592/62.
DR P-PSDB; AOC67840.
XX
XX Novel secreted and transmembrane polypeptides, designated PRO
PT polypeptides, and polynucleotides encoding them useful for treating
PT kidney diseases, bone, cartilage and retinal disorders.
XX
XX Claim 2; SEQ ID NO 118; 468pp; English.
XX
XX The invention relates to an isolated PRO polypeptide (secreted or
CC transmembrane protein) having at least 80% amino acid sequence identity
CC to an amino acid sequence chosen from 94 fully defined sequences as given
CC in the specification (including PRO lacking its associated signal
CC peptide, a PRO extracellular domain with or without its associated signal
CC peptide). Also included are nucleic acids encoding the PRO proteins
CC mentioned above, a vector comprising a PRO nucleic acid, a host cell
CC comprising the vector and producing PRO, a chimeric molecule comprising
CC PRO fused to a heterologous amino acid sequence, and an anti-PRO
CC antibody. PRO337 polypeptide is useful for detecting a PRO4993
CC polypeptide in a sample suspected of containing PRO4993 polypeptide.
CC Similarly, PRO4993 polypeptide is useful for detecting PRO337
CC polypeptide. PRO725, PRO700 or PRO739 polypeptide is useful for detecting
CC
Query Match 99.7%; Score 2253; DB 9; Length 2260;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGGACCGCTGGTGGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGAGAGAGGCGGCG 60
DB 1 CGGACCGCTGGTGGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGAGAGGCGGCG 60
QY 61 GCTTAGCTGCTACGGGTCGCGGCGGCGGCGGCTCCGAGGGGGGCTCAGGAGGAGGA 120
DB 61 GCTTAGCTGCTACGGGTCGCGGCGGCGGCGGCTCCGAGGGGGGCTCAGGAGGAGGA 120
QY 121 GGACCCGTCGAGAGTGGCTCTGCGCTGGAGCGCTTGGCGCTCCGCTGCTCTCTGGG 180
DB 121 GGACCCGTCGAGAGTGGCTCTGCGCTGGAGCGCTTGGCGCTCCGCTGCTCTCTGGG 180
QY 181 TGGCAGGTGGTTCGGGAAACCGGCGGCTGCAAGGCAATCGGGTTGTAGCATCGGCAC 240
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DB 361 GACCAACCAATGCAAGTGGCTTCCAGGATACCGGGAACCTCGAGTCAAGATGTGA 420
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QY 1141 AAGAGAAATGAAGAGGCGCTTGAAGATGAGAAAGAGAGAGAAAGCCCTGAAAGATGA 1200
DB 1141 AAGAGAAATGAAGAGGCGCTTGAAGATGAGAAAGAGAGAGAAAGCCCTGAAAGATGA 1200
QY 1201 CATAGAGGAGGAGGCTCGAGGAGATGTGTTTTTCCCTAAAGGTGAATGAAGCAGGTGA 1260
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QY 1441 TCCGGCTTGGCAGGTCAAGAAAGACATTTGGCGGATTTGAACTTCTCTACCTGACCT 1500
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QY 1501 GCAACCCCAAGCACTTCTGTTGCTCTTGTATACCGGCTGGCGGAGACAAAGTGG 1560
DB 1501 GCAACCCCAAGCACTTCTGTTGCTCTTGTATACCGGCTGGCGGAGACAAAGTGG 1560
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Qy 1621 TGAGATGAAGAGTGAAGACAGGAGAAATTCAGTTGTATCAAGAACTGATGCTACCAA 1680
Db 1621 TGAGATGAAGAGTGAAGACAGGAGAAATTCAGTTGTATCAAGAACTGATGCTACCAA 1680
Qy 1681 AAGCATCATTTTGAAGCAGACAGTGGCAAGGCGAAACCCGCGAAATCGCAGTGGATGG 1740
Db 1681 AAGCATCATTTTGAAGCAGACAGTGGCAAGGCGAAACCCGCGAAATCGCAGTGGATGG 1740
Qy 1741 CGTCTTGCTGTTTCAGGCTTATGTCAGATAGAGCTTTTATCTGTGGATGACTGAATGTT 1800
Db 1741 CGTCTTGCTGTTTCAGGCTTATGTCAGATAGAGCTTTTATCTGTGGATGACTGAATGTT 1800
Qy 1801 ACTATCTTTATATTTGACTTTGTATGTGTCAGTTCCCTGGTTTTTTTGTATTTGATCATATAG 1860
Db 1801 ACTATCTTTATATTTGACTTTGTATGTGTCAGTTCCCTGGTTTTTTTGTATTTGATCATATAG 1860
Qy 1861 GACCTCTGGCAATTTAGAAATTTACTAGCTGAAATAATGTAATGTACCAACAGAAATATAT 1920
Db 1861 GACCTCTGGCAATTTAGAAATTTACTAGCTGAAATAATGTAATGTACCAACAGAAATATAT 1920
Qy 1921 TGTAGATGCCCTTCTGTATAGATATGCCAATATTTTGCCTTTAAATATCATATCACTGT 1980
Db 1921 TGTAGATGCCCTTCTGTATAGATATGCCAATATTTTGCCTTTAAATATCATATCACTGT 1980
Qy 1981 ATCTCTCTAGTCATTTCTGAATCTTCCNCAATTTATATTAATAATGGAANGTCAGTT 2040
Db 1981 ATCTCTCTAGTCATTTCTGAATCTTCCNCAATTTATATTAATAATGGAANGTCAGTT 2040
Qy 2041 TATCTCCCTCTCTGATATCTGATTTGTATGTTGATGTTGATGTTGATGTTGATGTTGATGTT 2100
Db 2041 TATCTCCCTCTCTGATATCTGATTTGTATGTTGATGTTGATGTTGATGTTGATGTTGATGTT 2100
Qy 2101 CATTTCTAGAAATAGAAAAAAGCAGAGAAATGTTTAACTGTTTGACTCTTATGAT 2160
Db 2101 CATTTCTAGAAATAGAAAAAAGCAGAGAAATGTTTAACTGTTTGACTCTTATGAT 2160
Qy 2161 ACTTCTTGAAACTATGACATCAAGATAGACTTTTGGCTTAAGTGGCTTAGCTGGTCTT 2220
Db 2161 ACTTCTTGAAACTATGACATCAAGATAGACTTTTGGCTTAAGTGGCTTAGCTGGTCTT 2220
Qy 2221 TCATAGCCAACTGTATATTTTAAATCTTTTGTAAATAAA 2260
Db 2221 TCATAGCCAACTGTATATTTTAAATCTTTTGTAAATAAA 2260

RESULT 23
ADC41159
ID ADC41159 standard; cdna; 2260 BP.
XX AC ADC41159;
XX AC
DT 18-DEC-2003 (first entry)
XX XX
DE Human cDNA encoding secreted/transmembrane protein, PRO320.
XX XX
KW Human; ss; gene; secreted protein; transmembrane protein; PRO;
KW cytotactic; ophthalmological; antiarthritic; osteopathic; antirheumatic;
KW vulnary; auditory; tumour growth; retinal disorder;
KW sports-related joint problem; articular cartilage defects;
KW osteoarthritis; rheumatoid arthritis; wound healing; hearing loss.
XX XX
OS Homo sapiens.
XX XX
PN US2003072745-A1.
XX XX
PD 17-APR-2003.
XX XX
PF 25-OCT-2001; 2001US-00013929.
XX XX
PR 17-OCT-1997; 97US-0062250P.
PR 03-NOV-1997; 97US-0064249P.

PR	15-MAY-1998;	98US-0085579P.	PR	30-JUL-2001;	2001US-0091858S.
PR	15-MAY-1998;	98US-0085580P.	XX	(GETH) GENENTECH INC.	
PR	15-MAY-1998;	98US-0085582P.	XX		
PR	15-MAY-1998;	98US-0085689P.	XX		
PR	15-MAY-1998;	98US-0085697P.	PI	Ashkenazi A, Baker KP, Botstein D, Desnoyers L, Eaton DL;	
PR	15-MAY-1998;	98US-0085700P.	PI	Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;	
PR	15-MAY-1998;	98US-0085704P.	PI	Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;	
PR	18-MAY-1998;	98US-0086023P.	PI	Klavin IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;	
PR	22-MAY-1998;	98US-0086392P.	PI	Stewart TA, Tumas D, Williams PM, Wood WI;	
PR	22-MAY-1998;	98US-0086414P.	XX		
PR	22-MAY-1998;	98US-0086430P.	DR	WPI; 2003-743806/70.	
PR	22-MAY-1998;	98US-0086486P.	DR	P-PSDB; ADC41160.	
PR	28-MAY-1998;	98US-0087098P.	XX		
PR	28-MAY-1998;	98US-0087106P.	XX		
PR	28-MAY-1998;	98US-0087208P.	PT	Novel isolated secreted and transmembrane PRO polypeptides, useful in the	
PR	26-JUN-1998;	98US-0090863P.	PT	preparation of a medicament for treating a condition responsive to the	
PR	26-JUN-1998;	98US-0091010P.	XX	polypeptide, and as therapeutic agents e.g. vaccines.	
PR	01-JUL-1998;	98US-0091359P.	XX		
PR	01-JUL-1998;	98US-0094651P.	XX	Claim 2; SEQ ID NO 118; 466pp; English.	
PR	11-SEP-1998;	98US-0100038P.	XX		
PR	07-OCT-1998;	98WO-US021141.	CC	The invention relates to an isolated PRO polypeptide (secreted or	
PR	20-NOV-1998;	98WO-US010304P.	CC	transmembrane protein) having at least 80% amino acid sequence identity	
PR	20-NOV-1998;	98WO-US02485S.	CC	to an amino acid sequence chosen from 94 fully defined sequences as given	
PR	22-DEC-1998;	98US-0113296P.	CC	in the specification (including PRO lacking its associated signal	
PR	23-DEC-1998;	98US-0113621P.	CC	peptide, a PRO extracellular domain with or without its associated signal	
PR	05-JAN-1999;	98WO-US000106.	CC	peptide). Also included are nucleic acids encoding the PRO proteins	
PR	08-MAR-1999;	99WO-US005028.	CC	mentioned above, a vector comprising a PRO nucleic acid, a host cell	
PR	10-MAR-1999;	99WO-US005190.	CC	comprising the vector and producing PRO, a chimeraic molecule comprising	
PR	12-MAR-1999;	99US-0123957P.	CC	PRO fused to a heterologous amino acid sequence, and an anti-PRO	
PR	29-MAR-1999;	99US-0126773P.	CC	antibody. PRO37 polypeptide is useful for detecting a PRO4993	
PR	21-APR-1999;	99US-0130232P.	CC	polypeptide in a sample suspected of containing PRO4993 polypeptide.	
PR	26-APR-1999;	99US-0131022P.			
PR	28-APR-1999;	99US-0131445P.			
PR	14-MAY-1999;	99US-0134287P.			
PR	14-MAY-1999;	99WO-US010733.			
PR	02-JUN-1999;	99WO-US012252.			
PR	16-JUN-1999;	99US-0139557P.			
PR	23-JUN-1999;	99US-0141037P.			
PR	07-JUL-1999;	99US-0142680P.			
PR	26-JUL-1999;	99US-0145698P.			
PR	28-JUL-1999;	99US-0146222P.			
PR	29-OCT-1999;	99US-0162506P.			
PR	30-NOV-1999;	99WO-US028313.			
PR	02-DEC-1999;	99WO-US028551.			
PR	02-DEC-1999;	99WO-US02856S.			
PR	16-DEC-1999;	99WO-US03009S.			
PR	30-DEC-1999;	99WO-US031243.			
PR	30-DEC-1999;	99WO-US031274.			
PR	05-JAN-2000;	2000WO-US000219.			
PR	08-JAN-2000;	2000WO-US000277.			
PR	08-JAN-2000;	2000WO-US000376.			
PR	11-FEB-2000;	2000WO-US00356S.			
PR	18-FEB-2000;	2000WO-US004341.			
PR	24-FEB-2000;	2000WO-US005004.			
PR	02-MAR-2000;	2000WO-US005841.			
PR	10-MAR-2000;	2000WO-US006319.			
PR	21-MAR-2000;	2000WO-US007532.			
PR	30-MAR-2000;	2000WO-US008439.			
PR	17-MAY-2000;	2000WO-US01370S.			
PR	22-MAY-2000;	2000WO-US014042.			
PR	30-MAY-2000;	2000WO-US014941.			
PR	02-JUN-2000;	2000WO-US015264.			
PR	28-JUL-2000;	2000WO-US020710.			
PR	24-AUG-2000;	2000WO-US023328.			
PR	01-DEC-2000;	2000WO-US032678.			
PR	20-DEC-2000;	2000WO-US034956.			
PR	28-FEB-2001;	2001WO-US006520.			
PR	22-MAY-2001;	2001WO-US009552.			
PR	25-MAY-2001;	2001WO-US0170			

541 GGACATGTGCCATGATAAAGCTGTCTAGTACAGCTGTGAAGACACAGAAAGAGGCCACAGT 600
601 GCTGTGTCCATCTCAGGACATCCGCCCTGGCCCAATGGAAGAGAGCTGTCTAGATATTG 650
601 GCTGTGTCCATCTCAGGACATCCGCCCTGGCCCAATGGAAGAGAGCTGTCTAGATATTG 660
661 ATGAATGTGCTCTGGTAAAGTCAATCTGTCCCTACAAATCGAAGATGTGTGAACACATTTG 720
661 ATGAATGTGCTCTGGTAAAGTCAATCTGTCCCTACAAATCGAAGATGTGTGAACACATTTG 720
721 GAAGCTACTACTGCAAAATGTCACATTTGTTTGAAGTCAATATATCAATGAGGAGCATATG 780
721 GAAGCTACTACTGCAAAATGTCACATTTGTTTGAAGTCAATATATCAATGAGGAGCATATG 780
781 ACTGTATAGATATAAATGAATGTATCTATGGAATAGCCTACATGAGGAGCATATG 840
781 ACTGTATAGATATAAATGAATGTATCTATGGAATAGCCTACATGAGGAGCATATG 840
841 GCTTCAATACCAAGAGGTCCTTCAAGTGTAAATGCAAGCAGGATATAAAGGCAATGGAC 900
841 GCTTCAATACCAAGAGGTCCTTCAAGTGTAAATGCAAGCAGGATATAAAGGCAATGGAC 900
901 TTGGTGTCTGTCTATCCCTGAAATTCGTGAAGGAAGTCTCAGAGCAGCTGTGTACCA 960
901 TTGGTGTCTGTCTATCCCTGAAATTCGTGAAGGAAGTCTCAGAGCAGCTGTGTACCA 960
961 TCAAGACAGAGATCAAGAGTGTCTGTCTCAAAAACAGATGAAAGAGGCAAAA 1020
961 TCAAGACAGAGATCAAGAGTGTCTGTCTCAAAAACAGATGAAAGAGGCAAAA 1020
1021 TTAATAATGTATCCCAAGAACCCAGGACCTTACCCCTTCAAGTGAATCTTCAAGGCT 1080
1021 TTAATAATGTATCCCAAGAACCCAGGACCTTACCCCTTCAAGTGAATCTTCAAGGCT 1080
1081 TCAATATGAAGAGATAGTTTCAGAGGCGGAATCTCTCATGAGGTAAAGAGGATG 1140
1081 TCAATATGAAGAGATAGTTTCAGAGGCGGAATCTCTCATGAGGTAAAGAGGATG 1140
1141 AAGAGAAATGAAGAGGAGGCTTGAAGATGAGAAAGAGAGAGAGAGCCCTGAAAGATGA 1200
1141 AAGAGAAATGAAGAGGAGGCTTGAAGATGAGAAAGAGAGAGAGAGCCCTGAAAGATGA 1200
1201 CATAGAGGAGGAGGCTCGAGGAGATGTGTTTTTCCCTAAGTGAATGAAGCAGGTGA 1260
1201 CATAGAGGAGGAGGCTCGAGGAGATGTGTTTTTCCCTAAGTGAATGAAGCAGGTGA 1260
1261 ATTCCGCTGATTTCTGCTCCAAAGGAAGCGCTAACTTCCAACTGGAACATAAAGATTT 1320
1261 ATTCCGCTGATTTCTGCTCCAAAGGAAGCGCTAACTTCCAACTGGAACATAAAGATTT 1320
1321 AAATATCTCGTTGACTGAGCTTCAATCATGGATCTGTGACTGGAACAGGATAGAGA 1380
1321 AAATATCTCGTTGACTGAGCTTCAATCATGGATCTGTGACTGGAACAGGATAGAGA 1380
1381 AGATGATTTTGAATGCTGCTGATGAGATATGCTATTTGCTTCTATATGGCAGT 1440
1381 AGATGATTTTGAATGCTGCTGATGAGATATGCTATTTGCTTCTATATGGCAGT 1440
1441 TCCGCTGTTGGCAGGTCAACAAGAAAGACATTCGCGGATGAACTTCTTCTACCTGACCT 1500
1441 TCCGCTGTTGGCAGGTCAACAAGAAAGACATTCGCGGATGAACTTCTTCTACCTGACCT 1500
1501 GCAACCCCAAGCACTTCTGTTGCTCTTCTGATTAACCGCTGGCCGAGACAAAGTCGG 1560
1501 GCAACCCCAAGCACTTCTGTTGCTCTTCTGATTAACCGCTGGCCGAGACAAAGTCGG 1560
1561 GAAACTTCAGTGTGTTGAAACACAGTAACTGCTTGGCATGCGGAGAGACCAAG 1620
1561 GAAACTTCAGTGTGTTGAAACACAGTAACTGCTTGGCATGCGGAGAGACCAAG 1620
1621 TGAGGATGAAAGTGGAGACAGGGAATAATCAGTTGTATCAAGGAATGATGCTACCA 1680
1621 TGAGGATGAAAGTGGAGACAGGGAATAATCAGTTGTATCAAGGAATGATGCTACCA 1680

1681 AAGCATCATTTTTGAAGCAGAACCTGGCAAGGGCAAAACCGGCAAAATCGCAGTGCATG 1740
1681 AAGCATCATTTTTGAAGCAGAACCTGGCAAGGGCAAAACCGGCAAAATCGCAGTGCATG 1740
1741 CGTCTGCTGTTTTCAGCTTATGTCAGATAGCCTTTATCTGTGTGAGTCAATGATGTT 1800
1741 CGTCTGCTGTTTTCAGCTTATGTCAGATAGCCTTTATCTGTGTGAGTCAATGATGTT 1800
1801 ACTATCTTTATATTTGACTTTTGTATGTCACTCCCTGGTTTTTTTGTATTTGATATG 1860
1801 ACTATCTTTATATTTGACTTTTGTATGTCACTCCCTGGTTTTTTTGTATTTGATATG 1860
1861 GACCTCTGGCAATTTAGAAATTTACTAGCTGAAGAAATTTGTAATGTACCAAGAAATTTAT 1920
1861 GACCTCTGGCAATTTAGAAATTTACTAGCTGAAGAAATTTGTAATGTACCAAGAAATTTAT 1920
1921 TGTAGAGTCCCTTTCTTGTATAAGATATGCCAATATTTGCTTTTAAATATCATATCACTGT 1980
1921 TGTAGAGTCCCTTTCTTGTATAAGATATGCCAATATTTGCTTTTAAATATCATATCACTGT 1980
1981 ATCTTCTCAGTCATTTCTGAATCTTTCCNCAATATATATAAATNTGGAAAGTCAGTT 2040
1981 ATCTTCTCAGTCATTTCTGAATCTTTCCNCAATATATATAAATNTGGAAAGTCAGTT 2040
2041 TATCTCCCTCTCTCNGTATATCTGATTTGTATANGTANGTGTGCTTCTCTACAA 2100
2041 TATCTCCCTCTCTCNGTATATCTGATTTGTATANGTANGTGTGCTTCTCTACAA 2100
2101 CATTTCTGAAATATGAAAAAGCAAGCAAGAAATGTTTAACTGTTGACTCTTATGAT 2160
2101 CATTTCTGAAATATGAAAAAGCAAGCAAGAAATGTTTAACTGTTGACTCTTATGAT 2160
2161 ACTTCTGAAACTATGACATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGGTCTT 2220
2161 ACTTCTGAAACTATGACATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGGTCTT 2220
2221 TCATAGCCAAACTGTATATTTAAATCTTTGTATAATAA 2260
2221 TCATAGCCAAACTGTATATTTAAATCTTTGTATAATAA 2260

RESULT 24

ADC67214
ID ADC67214 standard; cDNA; 2260 BP.

XX AC ADC67214;

XX AC AC

XX AC AC

XX DT 18-DEC-2003 (first entry)

XX DE Human cDNA encoding secreted/transmembrane protein, PRO320.

XX DE

XX KW vulnary; virucide; neuroprotective; cytostatic; gene therapy;

XX KW tumour cell proliferation inhibitor;

XX KW secreted and transmembrane protein; PRO; viral infection; wound healing;

XX KW tissue growth; muscle generation; muscle regeneration;

XX KW ankyrotic lateral sclerosis; neuropathy; AIDS-associated neuropathy;

XX KW diabetic peripheral neuropathy; chromosome identification; antagonist;

XX KW tissue typing; immunohistochemical staining; gene; ss.

XX OS Homo sapiens.

XX OS

XX US2003073131-A1.

XX PN

XX PD 17-APR-2003.

XX PD

XX XX 25-OCT-2001; 2001US-00016177.

XX XX

XX PR 17-OCT-1997; 97US-0062250P.

XX PR 03-NOV-1997; 97US-0064249P.

XX PR 13-NOV-1997; 97US-0065311P.

XX PR 21-NOV-1997; 97US-0065364P.

XX PR 10-MAR-1998; 98US-0077450P.

PR	15-MAY-1998;	98US-00856699P;
PR	15-MAY-1998;	98US-00856697P;
PR	15-MAY-1998;	98US-00857002P;
PR	15-MAY-1998;	98US-00857044P;
PR	15-MAY-1998;	98US-00860233P;
PR	15-MAY-1998;	98US-00863929P;
PR	22-MAY-1998;	98US-0086414P;
PR	22-MAY-1998;	98US-0086430P;
PR	22-MAY-1998;	98US-0086486P;
PR	22-MAY-1998;	98US-0087098P;
PR	28-MAY-1998;	98US-0087106P;
PR	28-MAY-1998;	98US-0087208P;
PR	28-MAY-1998;	98US-00908633P;
PR	26-JUN-1998;	98US-0091010P;
PR	26-JUN-1998;	98US-0091359P;
PR	01-JUL-1998;	98US-0094651P;
PR	11-SEP-1998;	98US-0100038P;
PR	07-OCT-1998;	98US-05021141;
PR	20-NOV-1998;	98US-01030304P;
PR	20-NOV-1998;	98US-05044885P;
PR	22-DEC-1998;	98US-0113296P;
PR	23-DEC-1998;	98US-01136211P;
PR	05-JAN-1999;	99WO-US000106;
PR	08-MAR-1999;	99WO-US0050528;
PR	10-MAR-1999;	99WO-US0051930;
PR	12-MAR-1999;	99US-0123957P;
PR	12-MAR-1999;	99US-0126773P;
PR	21-APR-1999;	99US-0130232P;
PR	26-APR-1999;	99US-01311022P;
PR	28-APR-1999;	99US-0133445P;
PR	14-MAY-1999;	99US-01342877P;
PR	14-MAY-1999;	99WO-US010773;
PR	02-JUN-1999;	99WO-US012252;
PR	16-JUN-1999;	99US-0139557P;
PR	23-JUN-1999;	99US-0141037P;
PR	07-JUL-1999;	99US-0142680P;
PR	26-JUL-1999;	99US-0145698P;
PR	28-JUL-1999;	99US-01462222P;
PR	29-OCT-1999;	99US-0162506P;
PR	02-DEC-1999;	99WO-US028513;
PR	02-DEC-1999;	99WO-US028565;
PR	16-DEC-1999;	99WO-US030095;
PR	30-DEC-1999;	99WO-US031243;
PR	05-JAN-2000;	99WO-US03021274;
PR	05-JAN-2000;	2000WO-US0002199;
PR	06-JAN-2000;	2000WO-US00020277;
PR	06-JAN-2000;	2000WO-US000376;
PR	11-FEB-2000;	2000WO-US0003565;
PR	18-FEB-2000;	2000WO-US004341;
PR	24-FEB-2000;	2000WO-US005004;
PR	02-MAR-2000;	2000WO-US005841;
PR	10-MAR-2000;	2000WO-US006319;
PR	21-MAR-2000;	2000WO-US007532;
PR	30-MAR-2000;	2000WO-US0098439;
PR	17-MAY-2000;	2000WO-US013705;
PR	22-MAY-2000;	2000WO-US014042;
PR	30-MAY-2000;	2000WO-US014941;
PR	02-JUN-2000;	2000WO-US015264;
PR	28-JUL-2000;	2000WO-US020710;
PR	24-AUG-2000;	2000WO-US023328;
PR	01-DEC-2000;	2000WO-US032678;
PR	20-DEC-2000;	2000WO-US034956;
PR	28-FEB-2001;	2001WO-US006520;
PR	22-MAR-2001;	2001WO-US009552;
PR	25-MAY-2001;	2001WO-US017092;
PR	01-JUN-2001;	2001WO-US017800;
PR	20-JUN-2001;	2001WO-US019692;
PR	29-JUN-2001;	2001WO-US021066;
PR	09-JUL-2001;	2001WO-US021735;
PR	30-JUL-2001;	2001US-00931858P;
XX		(GETH) GENENTECH INC

XX Ashkenazi AJ, Baker KP, Botstein D, Desnovers L, Baton DL,
PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen MB,
PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ,
PI Kljavin IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy WA, Shelton DL,
PI Stewart TA, Tumas D, Williams PM, Wood WI;
XX WPI; 2003-743810/70.
DR P-PSDB; AOC67215.
XX Novel isolated secreted and transmembrane PRO polypeptides, useful in the
PT preparation of a medicament for treating a condition responsive to the
PT polypeptide, and as therapeutic agents e.g. vaccines.
XX Claim 2; SEQ ID NO 118; 464pp; English.
XX The invention describes an isolated secreted and transmembrane PRO
CC polypeptide (I). PRO polypeptide such as PRO213, PRO700, PRO320 or PRO615
CC is useful in biotechnological and medical research, as well as in various
CC industrial applications. PRO polypeptide such as PRO300, PRO866, PRO703,
CC PRO708, PRO320, PRO351, PRO361, PRO615, PRO618, PRO772, PRO853,
CC PRO860 or PRO846 is useful for therapeutic purposes. PRO363 is useful
CC therapeutically in vivo for lessening the effects of viral infection.
CC PRO200 is useful for the treatment of wound healing, tissue growth and
CC muscle generation and regeneration. PRO337 is useful for treating
Query Match 99.7%; Score 2253; DB 9; Length 2260;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGGAGCGCTGGTGGAGTGGAGCGGAGGAGCCGAGCGGCTGAGGAGAGGAGGCGGCG 60
DB 1 CGGAGCGCTGGTGGAGTGGAGCGGAGGAGCCGAGCGGCTGAGGAGAGGAGGCGGCG 60
QY 61 GCTTAGCTGCTACGGGGTCCGCGCGCGCCCTCCGAGGGGGGCTCAGGAGGAGGAGGA 120
DB 61 GCTTAGCTGCTACGGGGTCCGCGCGCGCCCTCCGAGGGGGGCTCAGGAGGAGGAGGA 120
QY 121 GGACCGCTGGAGATGCTCTGCGCTGGAGCTGGCTCCGCTCCGCTCTCTCTCTGG 180
DB 121 GGACCGCTGGAGATGCTCTGCGCTGGAGCTGGCTCCGCTCCGCTCTCTCTCTGG 180
QY 181 TGGCAGGTGGTTTCGGGAACCGGCGCAGTGCAGAGGCATCAGGGTGTGAGCTCGGCAC 240
DB 181 TGGCAGGTGGTTTCGGGAACCGGCGCAGTGCAGAGGCATCAGGGTGTGAGCTCGGCAC 240
QY 241 GTCAGCTGGGTCTGCTACTATGGAATTAATGGCTGCTGCTACGGCTGAGAGGAA 300
DB 241 GTCAGCTGGGTCTGCTACTATGGAATTAATGGCTGCTGCTACGGCTGAGAGGAA 300
QY 301 ACAGCAAGGGAGTCTGTGAAGCTACATCGCAACCTGGATGTAAGTTTGGTGGCTGG 360
DB 301 ACAGCAAGGGAGTCTGTGAAGCTACATCGCAACCTGGATGTAAGTTTGGTGGCTGG 360
QY 361 GACCAAAACAAATGAGATGCTTTCAGGATACACCGGGAACCTGCACTCAAGATGGA 420
DB 361 GACCAAAACAAATGAGATGCTTTCAGGATACACCGGGAACCTGCACTCAAGATGGA 420
QY 421 ATGAGTGTGGAATGAAACCCCGGCGCATGCAACACAGATGTGCAATACACCGGAGCT 480
DB 421 ATGAGTGTGGAATGAAACCCCGGCGCATGCAACACAGATGTGCAATACACCGGAGCT 480
QY 481 ACAAGTGTCTTTCCTCAGTGCCCACTGCTCATGCCAGATGCTACGTGTGTAATCTTA 540
DB 481 ACAAGTGTCTTTCCTCAGTGCCCACTGCTCATGCCAGATGCTACGTGTGTAATCTTA 540
QY 541 GGACATGTCCATGATTAATCTGCTAGTACAGCTGTGAAGACACAGAGGGGCCACAGT 600
DB 541 GGACATGTCCATGATTAATCTGCTAGTACAGCTGTGAAGACACAGAGGGGCCACAGT 600
QY 601 GCCTGTGTCCATCTCCTCAGGACTCCGCTGGCCCGCCAAATGGAAGACTGTCTAGATATTG 660
DB 601 GCCTGTGTCCATCTCCTCAGGACTCCGCTGGCCCGCCAAATGGAAGACTGTCTAGATATTG 660

QY 661 ATGAATGTGCTCTGCTAAAGTCACTGTCTCCCTACAAATCGAAGATGTGTGAACACATTG 720
DB 661 ATGAATGTGCTCTGCTAAAGTCACTGTCTCCCTACAAATCGAAGATGTGTGAACACATTG 720
QY 721 GAAGCTACTACTGCAAAATGTCACATTTGGTTTGGAACTGCAATATATCAGTGGACCATG 780
DB 721 GAAGCTACTACTGCAAAATGTCACATTTGGTTTGGAACTGCAATATATCAGTGGACCATG 780
QY 781 ACTGTATAGATATAAATGAATGATGATGATGATGATGATGATGATGATGATGATGATG 840
DB 781 ACTGTATAGATATAAATGAATGATGATGATGATGATGATGATGATGATGATGATGATG 840
QY 841 GCTTCAATACCCAAAGGGTCTTCAAGTGTAAATGCAAGCAGGGATATAAAGGCAATGGAC 900
DB 841 GCTTCAATACCCAAAGGGTCTTCAAGTGTAAATGCAAGCAGGGATATAAAGGCAATGGAC 900
QY 901 TTCGGTCTTCTGCTATCCCTGAAATTTCTGTGAAGGAAGTCTCTCAGAGCACTGGTATCCA 960
DB 901 TTCGGTCTTCTGCTATCCCTGAAATTTCTGTGAAGGAAGTCTCTCAGAGCACTGGTATCCA 960
QY 961 TCAAGACAGAAATCAAGAAATGCTCTTCTTCAAAAACAGCATGAAAAAGAGGCAAAAA 1020
DB 961 TCAAGACAGAAATCAAGAAATGCTCTTCTTCAAAAACAGCATGAAAAAGAGGCAAAAA 1020
QY 1021 TTAATAATGTATCCCAAGACCCACAGGACTCTACCTCCCTAAGGTGAATTCGACCCCT 1080
DB 1021 TTAATAATGTATCCCAAGACCCACAGGACTCTACCTCCCTAAGGTGAATTCGACCCCT 1080
QY 1081 TCAACTATGAAGAGATAGTTTCCAGAGGGGGAACTCTCATGGAGGTAAAAAGGGAATG 1140
DB 1081 TCAACTATGAAGAGATAGTTTCCAGAGGGGGAACTCTCATGGAGGTAAAAAGGGAATG 1140
QY 1141 AAGAGAAATGAAGAGGGGCTTGAGGTGAGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1200
DB 1141 AAGAGAAATGAAGAGGGGCTTGAGGTGAGAAAGAGAGAGAGAGAGAGAGAGAGAGAG 1200
QY 1201 CATAGAGAGCAAGACCTCGCAGGAGATGTGTGTTCCTTAAGGTGAATGAAGCAGGTGA 1260
DB 1201 CATAGAGAGCAAGACCTCGCAGGAGATGTGTGTTCCTTAAGGTGAATGAAGCAGGTGA 1260
QY 1261 ATTGGGCTGATTTCTGTCCAAAGAGAGCGCTAACTTCCAACTGGAACATGAAGATTT 1320
DB 1261 ATTGGGCTGATTTCTGTCCAAAGAGAGCGCTAACTTCCAACTGGAACATGAAGATTT 1320
QY 1321 AAATATCTCGGTTGACTGCACTCATGAGTCTGATGAGTCTGATGAGTCTGATGAGTCTG 1380
DB 1321 AAATATCTCGGTTGACTGCACTCATGAGTCTGATGAGTCTGATGAGTCTGATGAGTCTG 1380
QY 1381 AGATGATTTTCACTGGAAATCTGCTGATCGAGATATGCTATTGGCTTCTATATGGCAGT 1440
DB 1381 AGATGATTTTCACTGGAAATCTGCTGATCGAGATATGCTATTGGCTTCTATATGGCAGT 1440
QY 1441 TCCGGCTTGGCAGGTCAAGAAAGACATTTGCCGATTTGAAATTTCTCTACTGACCT 1500
DB 1441 TCCGGCTTGGCAGGTCAAGAAAGACATTTGCCGATTTGAAATTTCTCTACTGACCT 1500
QY 1501 GCAACCCCAAGCAACTCTTGTGTGCTTGTGATTTACCGCTGGCCGGAGACAAAGTCGG 1560
DB 1501 GCAACCCCAAGCAACTCTTGTGTGCTTGTGATTTACCGCTGGCCGGAGACAAAGTCGG 1560
QY 1561 GAACTTGGAGTGTGTAAGAAACAGTAACTGCTGATGAGATATGCTATTGGCTTCTATATGG 1620
DB 1561 GAACTTGGAGTGTGTAAGAAACAGTAACTGCTGATGAGATATGCTATTGGCTTCTATATGG 1620
QY 1621 TGAGGATGAAAGTGAAGACAGGGGAAATTCAGTTGTATCAAGGAATCTGATCTACCAA 1680
DB 1621 TGAGGATGAAAGTGAAGACAGGGGAAATTCAGTTGTATCAAGGAATCTGATCTACCAA 1680
QY 1681 AAGCATCTTTTGAAGCAGAGAGCGTGGCAGGAGGAGAGAGAGAGAGAGAGAGAGAGAG 1740
DB 1681 AAGCATCTTTTGAAGCAGAGAGCGTGGCAGGAGGAGAGAGAGAGAGAGAGAGAGAGAG 1740

QY	1741	CGCTCTGCTGCTTTTCAGGCTTATGTCAGATAGCCCTTTTATCTGTGGATGATCAATGTT	1800
Db	1741	CGCTCTGCTGCTTTTCAGGCTTATGTCAGATAGCCCTTTTATCTGTGGATGATCAATGTT	1800
QY	1801	ACTATCTTTTATATTGACTTTTGATATGTCAGTTCCTCGGTTTTTTTGGATATTGCATCATAG	1860
Db	1801	ACTATCTTTTATATTGACTTTTGATATGTCAGTTCCTCGGTTTTTTTGGATATTGCATCATAG	1860
QY	1861	GACCTCTGGCAATTTTAGAATTTACTAGCTGAAATAATTGTAATGACCAACAGAAATATTAT	1920
Db	1861	GACCTCTGGCAATTTTAGAATTTACTAGCTGAAATAATTGTAATGACCAACAGAAATATTAT	1920
QY	1921	TGTATAGATGCCCTTTCTTGTTATATAGATATGCGCAATATTTCGCTTTAAATATCATATCACTGT	1980
Db	1921	TGTATAGATGCCCTTTCTTGTTATATAGATATGCGCAATATTTCGCTTTAAATATCATATCACTGT	1980
QY	1981	ATCTTCTTCAGTCATTTCTGAATCTTTCCNCAATATATATAAAATNTGAAAANGTCAGTT	2040
Db	1981	ATCTTCTTCAGTCATTTCTGAATCTTTCCNCAATATATATAAAATNTGAAAANGTCAGTT	2040
QY	2041	TATCTCCCTCCTCCNGTATATCTGATTTGTATATANGTCTTGATGNGGCTCTCTCTACAA	2100
Db	2041	TATCTCCCTCCTCCNGTATATCTGATTTGTATATANGTCTTGATGNGGCTCTCTCTACAA	2100
QY	2101	CATTCTCTAGAAAATAGAAAAAAGACACAGAGAAATGTTAACTGTTTGACTCTTATGAT	2160
Db	2101	CATTCTCTAGAAAATAGAAAAAAGACACAGAGAAATGTTAACTGTTTGACTCTTATGAT	2160
QY	2161	ACTTCTTGGAAACTATGACATCAAGATAGACTTTTGCCCTAAGTGGCTTAGCTGGGTCCT	2220
Db	2161	ACTTCTTGGAAACTATGACATCAAGATAGACTTTTGCCCTAAGTGGCTTAGCTGGGTCCT	2220
QY	2221	TCATAGCCAACTTGTTATATTTAACTCTTTGTAATAATAA	2260
Db	2221	TCATAGCCAACTTGTTATATTTAACTCTTTGTAATAATAA	2260
RESULT 25			
ADC62150			
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AC	ADC62150;		
XX	ADC62150;		
DT	18-DEC-2003 (first entry)		
DE	Human cDNA encoding secreted/transmembrane protein, PRO320.		
XX	Human; ss; gene; secreted protein; transmembrane protein; PRO;		
KW	cytostatic; ophthalmological; antiarthritic; osteopathic; antirheumatic;		
KW	vulnary; auditory; tumour growth; retinal disorder;		
KW	sports-related joint problem; articular cartilage defects;		
XX	osteoarthritis; rheumatoid arthritis; wound healing; hearing loss.		
OS	Homo sapiens.		
XX	US2003073624-A1.		
PN	17-APR-2003.		
XX	15-OCT-2001; 2001US-00978193.		
XX	17-OCT-1997; 97US-0062250P.		
PR	03-NOV-1997; 97US-0064249P.		
PR	13-NOV-1997; 97US-0065311P.		
PR	21-NOV-1997; 97US-0066364P.		
PR	10-MAR-1998; 98US-0077450P.		
PR	11-MAR-1998; 98US-0077632P.		
PR	11-MAR-1998; 98US-0077641P.		
PR	11-MAR-1998; 98US-0077649P.		
PR	12-MAR-1998; 98US-0077791P.		
PR	13-MAR-1998; 98US-0078004P.		
PR	17-MAR-1998; 98US-00040220.		
PR	20-MAR-1998; 98US-0078886P.		

PR	27-MAR-1998;	98US-0079663P.	PR	28-MAY-1998;	98US-0087208P.
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PR	30-MAR-1998;	98US-0079923P.	PR	11-SEP-1998;	98US-0100038P.
PR	31-MAR-1998;	98US-0080105P.	PR	07-OCT-1998;	98US-00168978.
PR	31-MAR-1998;	98US-0080107P.	PR	07-OCT-1998;	98WO-US021141.
PR	31-MAR-1998;	98US-0080165P.	PR	02-NOV-1998;	98US-00184216.
PR	31-MAR-1998;	98US-0080194P.	PR	08-NOV-1998;	98US-00187368.
PR	01-APR-1998;	98US-0080327P.	PR	20-NOV-1998;	98US-0109304P.
PR	01-APR-1998;	98US-0080328P.	PR	20-NOV-1998;	98WO-US024855.
PR	01-APR-1998;	98US-0080333P.	PR	07-DEC-1998;	98US-00202054.
PR	01-APR-1998;	98US-0080334P.	PR	22-DEC-1998;	98US-00218517.
PR	08-APR-1998;	98US-0081045P.	PR	22-DEC-1998;	98US-0113296P.
PR	08-APR-1998;	98US-0081070P.	PR	23-DEC-1998;	98US-0113621P.
PR	08-APR-1998;	98US-0081071P.	PR	05-JAN-1999;	99WO-US000106.
PR	09-APR-1998;	98US-0081195P.	PR	05-MAR-1999;	98US-00254455.
PR	09-APR-1998;	98US-0081203P.	PR	08-MAR-1999;	99WO-US005028.
PR	09-APR-1998;	98US-0081229P.	PR	10-MAR-1999;	99WO-00265686.
PR	15-APR-1998;	98US-0081817P.	PR	12-MAR-1999;	99WO-US005190.
PR	15-APR-1998;	98US-0081819P.	PR	12-MAR-1999;	98US-00267130.
PR	15-APR-1998;	98US-0081838P.	PR	13-MAR-1999;	99US-0123957P.
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PR	15-APR-1998;	98US-0081955P.	PR	12-APR-1999;	98US-00284231.
PR	21-APR-1998;	98US-0082569P.	PR	12-APR-1999;	98US-00284231.
PR	21-APR-1998;	98US-0082569P.	PR	21-APR-1999;	98US-0130232P.
PR	22-APR-1998;	98US-0082700P.	PR	26-APR-1999;	98US-0130232P.
PR	22-APR-1998;	98US-0082704P.	PR	28-APR-1999;	98US-0131445P.
PR	22-APR-1998;	98US-0082797P.	PR	14-MAY-1999;	98US-00311832.
PR	23-APR-1998;	98US-0082804P.	PR	14-MAY-1999;	99US-0134287P.
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PR	27-APR-1998;	98US-0083336P.	PR	15-JUN-1999;	99WO-US012252.
PR	28-APR-1998;	98US-0083332P.	PR	23-JUN-1999;	98US-0141037P.
PR	29-APR-1998;	98US-00833392P.	PR	07-JUL-1999;	99US-0142680P.
PR	29-APR-1998;	98US-0083495P.	PR	26-JUL-1999;	99US-0145698P.
PR	29-APR-1998;	98US-0083496P.	PR	28-JUL-1999;	99US-0146222P.
PR	29-APR-1998;	98US-0083496P.	PR	25-AUG-1999;	99US-00380137.
PR	29-APR-1998;	98US-0083500P.	PR	25-AUG-1999;	99US-00380138.
PR	29-APR-1998;	98US-0083545P.	PR	28-AUG-1999;	99US-00380142.
PR	29-APR-1998;	98US-0083554P.	PR	29-OCT-1999;	99US-0162506P.
PR	29-APR-1998;	98US-0083558P.	PR	30-NOV-1999;	99US-0162506P.
PR	29-APR-1998;	98US-0083559P.	PR	02-DEC-1999;	99WO-US028551.
PR	30-APR-1998;	98US-0083742P.	PR	02-DEC-1999;	99WO-US028551.
PR	05-MAY-1998;	98US-0084366P.	PR	16-DEC-1999;	99WO-US030095.
PR	06-MAY-1998;	98US-0084414P.	PR	30-DEC-1999;	99WO-US031243.
PR	07-MAY-1998;	98US-0084414P.	PR	05-JAN-2000;	99WO-US031274.
PR	07-MAY-1998;	98US-0084598P.	PR	06-JAN-2000;	2000WO-US000219.
PR	07-MAY-1998;	98US-0084600P.	PR	11-FEB-2000;	2000WO-US000277.
PR	07-MAY-1998;	98US-0084627P.	PR	11-FEB-2000;	2000WO-US003376.
PR	07-MAY-1998;	98US-0084637P.	PR	18-FEB-2000;	2000WO-US004341.
PR	07-MAY-19				

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PR 10-MAY-2001; 2001US-00854208.
PR 10-MAY-2001; 2001US-00854280.
PR 25-MAY-2001; 2001US-00854280.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001US-00872035.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001US-00891962.
PR 29-JUN-2001; 2001US-009021066.
PR 29-JUN-2001; 2001US-009021066.
PR 30-JUL-2001; 2001US-00918585.
PR 30-JUL-2001; 2001US-00918585.
XX
PA (GETH ) GENENTECH INC.
XX

Query Match          99.7%; Score 2253; DB 9; Length 2260;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGACCGGTGGTGCAGTGGAGCGGAGGACCGGAGCGGCTGAGGAGAGAGAGCGGCG 60
DB 1 CGACCGGTGGTGGAGTGGAGCGGAGGACCGGAGCGGCTGAGGAGAGAGAGCGGCG 60
QY 61 GCTTAGCTGCTACGGGGTCCGGCGCGCCCTCCGAGGGGGCTTCAGGAGGAGAGGA 120
DB 61 GCTTAGCTGCTACGGGGTCCGGCGCGCCCTCCGAGGGGGCTTCAGGAGGAGAGGA 120
QY 121 GGACCGGTGGAGAGTGCCTCTGCCCTGGAGCTTGGCGTCCGCTCCGCTCTCTGGG 180
DB 121 GGACCGGTGGAGAGTGCCTCTGCCCTGGAGCTTGGCGTCCGCTCTCTCTGGG 180
QY 181 TGGCAGGTGGTTCGGGAGCGGCGGCGGAGGAGGAGGAGGAGGAGGAGGAGGAG 240
DB 181 TGGCAGGTGGTTCGGGAGCGGCGGCGGAGGAGGAGGAGGAGGAGGAGGAGGAG 240
QY 241 GTGAGCGTGGGTCTGTCTATGAACTAACTGAGGAGGAGGAGGAGGAGGAGGAG 300
DB 241 GTGAGCGTGGGTCTGTCTATGAACTAACTGAGGAGGAGGAGGAGGAGGAGGAG 300
QY 301 ACAGCAAGGAGTCTGTGAGGCTTACATGCAAGCTTGGATGATGATGATGATGAT 360
DB 301 ACAGCAAGGAGTCTGTGAGGCTTACATGCAAGCTTGGATGATGATGATGATGAT 360
QY 361 GACCAACAAATGAGATGCTTTCCAGGATACACCGGGAACCTGCAAGTGTGA 420
DB 361 GACCAACAAATGAGATGCTTTCCAGGATACACCGGGAACCTGCAAGTGTGA 420
QY 421 ATGAGTGTGAAATGAACCCCGGCGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 480
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QY 481 ACAAGTGTGCTTTGCTCAGTGGGCAATGCTCATGCGGAGGAGGAGGAGGAGGAG 540
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QY 541 GGCATGTGCTTGGTAAATGCTGCTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 600
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QY 721 GAAGCTACTGCAATGTGCAATGGTTCGAACTGCAATGATATATGAGGAGGAGGAGGAG 780
DB 721 GAAGCTACTGCAATGTGCAATGGTTCGAACTGCAATGATATATGAGGAGGAGGAGGAG 780
QY 781 ACTGTATAGATATAAATGATGATGATGATGATGATGATGATGATGATGATGATGAT 840
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DB 781 ACTGTATAGATATAAATGATGATGATGATGATGATGATGATGATGATGATGATGAT 840
QY 841 GCTTCAATACCAAGGGTCTTCAAGTGTAAATGCAAGCAGGAGGATATAAAGGCAATGGAC 900
DB 841 GCTTCAATACCAAGGGTCTTCAAGTGTAAATGCAAGCAGGAGGATATAAAGGCAATGGAC 900
QY 901 TTCGGTGTCTGCTATCCCTGAAATTTCTGTGAAGGAAGTCTCTCAGAGCACCTGGTACCA 960
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QY 961 TCAGAGACAGAAATCAAGAAATGCTGTCTCAAAAGGAGGAGGAGGAGGAGGAGGAGGAG 1020
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QY 1021 TTAAGAAATGTTACCCAGACCCACAGGAGTCTTACCCCTAAGGTGAATTCGAGCCCT 1080
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QY 1081 TCAGAAATGAGAGATAGTTTCCAGAGCGGGAATCTCTCATGAGGATGAGGAGGAGGAGGAG 1140
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QY 1141 AAGAGAAATGAAAGAGGGCTTGAAGATGAGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1200
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DB 1321 AATATCTCGGTGAGTGCAGCTTCAATCATGAGGATCTGTGAGTGGAGGAGGAGGAGGAGGAG 1380
QY 1381 AGATGATTTGATCGGAATCTGCTGATGAGAGATGATGATGATGATGATGATGATGATGATGAT 1440
DB 1381 AGATGATTTGATCGGAATCTGCTGATGAGAGATGATGATGATGATGATGATGATGATGATGAT 1440
QY 1441 TCGGCGCTGGCAGGTGAGAGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 1500
DB 1441 TCGGCGCTGGCAGGTGAGAGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 1500
QY 1501 GCAACCCCAAGCAACTTCTGTTGCTTCTTGTATGATGATGATGATGATGATGATGATGATGATGAT 1560
DB 1501 GCAACCCCAAGCAACTTCTGTTGCTTCTTGTATGATGATGATGATGATGATGATGATGATGATGAT 1560
QY 1561 GAACTTCGAGTGTGAGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 1620
DB 1561 GAACTTCGAGTGTGAGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 1620
QY 1621 TGAGGATGAAAGAGTGGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 1680
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QY 1681 AAGCATCATTTTGAAGCAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 1740
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QY 1741 CGTCTTGTCTTGTGTTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 1800
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QY 1801 ACTATCTTATATTTGACTTGTATGTCAGTCCCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1860
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QY 1861 GACCTCTGCAATTTAGAAATTTAGTCTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 1920
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Db	1861	GACCTCTGGCAATTTAGAAATTAAGTGAAGAAATTTGAATGTATGATACCAAGAAATATTAT	1920
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RESULT 27
ADE49152
ID ADE49152 standard; cDNA; 2260 BP.
XX
AC ADE49152;
XX
DT 29-JAN-2004 (first entry)
XX
DE Human cDNA encoding secreted/transmembrane protein, PRO320.
XX
KW Human; ss; gene; secreted protein; transmembrane protein; PRO;
KW cytosolic; ophthalmological; antiarthritic; osteopathic; antirheumatic;
KW vulvar; auditory; tumour growth; retinal disorder;
KW sports-related joint problem; articular cartilage defects;
KW osteoarthritis; rheumatoid arthritis; wound healing; hearing loss.
XX
OS Homo sapiens.
XX
PN US2003096744-A1.
XX
PD 22-MAY-2003.
XX
PF 28-JAN-2002; 2002US-00978187.
XX
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PR 03-NOV-1997; 97US-0064249P.
PR 13-NOV-1997; 97US-0065311P.
PR 21-NOV-1997; 97US-0066364P.
PR 10-MAR-1998; 98US-0077450P.
PR 11-MAR-1998; 98US-0077632P.
PR 11-MAR-1998; 98US-0077641P.
PR 11-MAR-1998; 98US-00777649P.
PR 12-MAR-1998; 98US-0077791P.
PR 13-MAR-1998; 98US-0078004P.
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PR 26-MAR-1998; 98US-0079566P.
PR 27-MAR-1998; 98US-0079663P.
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PR	31-MAR-1998;	98US-0080105P.
PR	31-MAR-1998;	98US-0080165P.
PR	31-MAR-1998;	98US-0080194P.
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PR	01-APR-1998;	98US-0080334P.
PR	08-APR-1998;	98US-0081049P.
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PR	09-APR-1998;	98US-0081195P.
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PR	09-APR-1998;	98US-0081239P.
PR	15-APR-1998;	98US-0081817P.
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PR	21-APR-1998;	98US-0082568P.
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PR	22-APR-1998;	98US-0082700P.
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PR	23-APR-1998;	98US-0082804P.
PR	23-APR-1998;	98US-0082796P.
PR	27-APR-1998;	98US-0083338P.
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PR	15-MAY-1998;	98US-0085573P.
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PR	15-MAY-1998;	98US-0085580P.
PR	15-MAY-1998;	98US-0085582P.
PR	15-MAY-1998;	98US-0085689P.
PR	15-MAY-1998;	98US-0085697P.
PR	15-MAY-1998;	98US-0085700P.
PR	18-MAY-1998;	98US-0085704P.
PR	18-MAY-1998;	98US-0086023P.
PR	22-MAY-1998;	98US-0086192P.
PR	22-MAY-1998;	98US-0086141P.
PR	22-MAY-1998;	98US-0086430P.
PR	22-MAY-1998;	98US-0086486P.
PR	22-MAY-1998;	98US-0087098P.
PR	28-MAY-1998;	98US-0087106P.
PR	28-MAY-1998;	98US-0087208P.
PR	26-JUN-1998;	98US-00105413.
PR	26-JUN-1998;	98US-0090863P.
PR	01-JUL-1998;	98US-0091010P.
PR	30-JUL-1998;	98US-0091359P.
PR		98US-0094651P.

Db 1561 GAAACTTCAGAGTGTGTGTAAGAAACAGTAAACAATGCCCTGCGATGGAGAGACCAAG 1620
QY 1621 TGAGATGAAGAGTGGAGACAGGAGAAATTCAGTTGATCAAGGAACTGATGCTACCA 1680
Db 1621 TGAGATGAAGAGTGGAGACAGGAGAAATTCAGTTGATCAAGGAACTGATGCTACCA 1680
QY 1681 AAGCATCAATTTTGAAGCAGAACGTTGCAAGAGGCAAAACCGGCGAAATCGCAGTGGATGG 1740
Db 1681 AAGCATCAATTTTGAAGCAGAACGTTGCAAGAGGCAAAACCGGCGAAATCGCAGTGGATGG 1740
QY 1741 CCGCTTGTGTTTTCAGGCTTATGTCAGATAGCTTTTATCTGTGATGACTGAATGTT 1800
Db 1741 CCGCTTGTGTTTTCAGGCTTATGTCAGATAGCTTTTATCTGTGATGACTGAATGTT 1800
QY 1801 ACTATCTTTATATTTGACTTTGTATGTGCTAGTTCCCTGGTTTTTTTGTATTTGATCATATAG 1860
Db 1801 ACTATCTTTATATTTGACTTTGTATGTGCTAGTTCCCTGGTTTTTTTGTATTTGATCATATAG 1860
QY 1861 GACCTTGGCAATTTAGATTTACTAGCTGAAATTTGTAATGTACCAACAGAAATATTAT 1920
Db 1861 GACCTTGGCAATTTAGATTTACTAGCTGAAATTTGTAATGTACCAACAGAAATATTAT 1920
QY 1921 TGTAAGATGCCCTTCTGTATATAGATATGCCAATATTTGCTTTAAATATCATATCACTGT 1980
Db 1921 TGTAAGATGCCCTTCTGTATATAGATATGCCAATATTTGCTTTAAATATCATATCACTGT 1980
QY 1981 ATCTTCTAGTCAATTTCTGAATCTTCCNCAATATATATAAAATNTGGAANGTCAGTT 2040
Db 1981 ATCTTCTAGTCAATTTCTGAATCTTCCNCAATATATATAAAATNTGGAANGTCAGTT 2040
QY 2041 TATCTCCCTCCCTCNGTATATCTGATTTGTATANGTANGTCTCTCTCTACAA 2100
Db 2041 TATCTCCCTCCCTCNGTATATCTGATTTGTATANGTANGTCTCTCTCTACAA 2100
QY 2101 CATTTCTAGAAATAGAAAAAAGACACAGAGAAATGTTTAACTTGTGCTCTTATGAT 2160
Db 2101 CATTTCTAGAAATAGAAAAAAGACACAGAGAAATGTTTAACTTGTGCTCTTATGAT 2160
QY 2161 ACTTCTTGAAACTATGACATCAAGATAGACTTTTGCTTAAGTGGCTTAGCTGGGTCCT 2220
Db 2161 ACTTCTTGAAACTATGACATCAAGATAGACTTTTGCTTAAGTGGCTTAGCTGGGTCCT 2220
QY 2221 TCATAGCCAACTGTATATTTTAAATCTTTTGTAAATAA 2260
Db 2221 TCATAGCCAACTGTATATTTTAAATCTTTTGTAAATAA 2260

RESULT 29
ADE16320

ID ADE16320 standard; cDNA; 2260 BP.

XX AC ADE16320;

XX DT 29-JAN-2004 (first entry)

XX DE Human cDNA encoding secreted/transmembrane protein, PRO320.

XX KW Human; ss; gene; secreted protein; transmembrane protein; PRO;
XX cytosolic; ophthalmological; antiarthritic; osteopathic; antirheumatic;
XX vulnerability; auditory; tumour growth; retinal disorder;
XX sports-related joint problem; articular cartilage defects;
XX osteoarthritis; rheumatoid arthritis; wound healing; hearing loss.

XX OS Homo sapiens.

XX PN US2003203435-A1.

XX PD 30-OCT-2003.

XX PF 18-OCT-2001; 2001US-00145092.

XX PP 30-APR-1998; 98US-0083742P.

XX PR

PR 08-MAR-1999; 99WO-US005028.
PR 23-JUN-1999; 99US-0141037P.
PR 25-AUG-1999; 99US-00380138.
PR 18-FEB-2000; 2000WO-US004341.
PR 30-JUL-2001; 2001US-00918585.
XX (GETH) GENENTECH INC.
PA Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;
PI Ferrara N, Filvaroff E, Fong S, Gao W, Garber H, Gerritsen ME;
PI Goddard A, Godowski P, Grimaldi JC, Gurney AJ, Hillan KJ,
PI Kijavind ID, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;
PI Stewart TA, Tamas D, Williams PM, Wood WI;
XX WPI; 2003-875642/81.
DR P-PSDB; ADE16321.
XX New genes, and its encoded secreted and transmembrane polypeptides,
PT useful for treating e.g. lung or breast tumors, osteoarthritis,
PT rheumatoid arthritis, obesity, diabetes, hyperinsulinemia,
PT hypoinulinemia or wounds.
XX Claim 2; SEQ ID NO 118; 452pp; English.

CC The invention relates to an isolated PRO polypeptide (secreted or
transmembrane protein) having at least 80% amino acid sequence identity
to an amino acid sequence chosen from 94 fully defined sequences as given
in the specification (including PRO lacking its associated signal
peptide, a PRO extracellular domain with or without its associated signal
peptide). Also included are nucleic acids encoding the PRO proteins
mentioned above, a vector comprising a PRO nucleic acid, a host cell
comprising the vector and producing PRO, a chimeric molecule comprising
PRO fused to a heterologous amino acid sequence, and an anti-PRO
antibody. PRO337 polypeptide is useful for detecting a PRO4993
polypeptide in a sample suspected of containing PRO4993 polypeptide.
Similarly, PRO4993 polypeptide is useful for detecting PRO337
polypeptide. PRO700 or PRO739 polypeptide is useful for detecting
PRO1559 polypeptide, and PRO1559 polypeptide is useful for detecting
PRO725 or PRO739. PRO4993 polypeptide is useful for linking a
bioactive molecule to a cell expressing PRO337 polypeptide. The bioactive
molecule is the toxin, radioisotope, or an antibody. The bioactive molecule
causes death of the cell. PRO337 polypeptide is useful for linking a
bioactive molecule to a cell expressing PRO4993 polypeptide; PRO725,
PRO700 or PRO739 polypeptide are useful for linking a bioactive molecule
to a cell expressing PRO1559 polypeptide; and PRO1559 polypeptide is
useful for linking a bioactive molecule to a cell expressing PRO725,
PRO700 or PRO739 polypeptide. PRO4993 polypeptide or anti-PRO337
polypeptide is useful for modulating at least one biological activity of
the cell expressing PRO337 polypeptide, where the cell is killed. PRO337
polypeptide or anti-PRO4993 polypeptide is useful for modulating the
biological activity of the cell expressing PRO4993 polypeptide; PRO725,
PRO700 or PRO739 polypeptide or an anti-PRO1559 polypeptide is useful for
modulating the biological activity of the cell expressing PRO1559
polypeptide; and PRO1559 polypeptide or anti-PRO725, anti-PRO700 or anti-
PRO739 polypeptide is useful for modulating the biological activity of
the cell expressing PRO725, PRO700 or PRO739 polypeptide. The
polypeptides are useful for inhibiting tumour growth, retinal disorders,
sports-related joint problems, articular cartilage defects,
osteoarthritis or rheumatoid arthritis, wound healing and hearing loss in
mammals. The present sequence encodes a PRO protein.

Sequence 2260 BP; 659 A; 458 C; 568 G; 568 T; 0 U; 7 Other;

Query Match 99.7%; Score 2253; DB 9; Length 2260;
Best Local Similarity 100.0%; Pred. NO. 0;
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGGCTGGTCCGAGTGGAGCGGAGGACCGAGCGGCTGAGGAGAGGAGGCGCG 60

Db 1 CGGACGGCTGGTCCGAGTGGAGCGGAGGACCGAGCGGCTGAGGAGAGGAGGCGCG 60

QY 61 GCTTAGCTGTACGGGTCCGCGCGCGCTCCGAGGGGGCTCAGGAGGAGGAGGA 120

Db 61 GCTTAGCTGCTACGGGGTCGGCGCGCGCTCCCGAGAGGGGGCTCAGAGAGAGAGGA 120
Qy 121 GGACCCGTGCGAATGCTCTGCTCCCTGGAGCTTTCGCTCCCGTCTGCTCTCTCTGG 180
Db 121 GGACCCGTGCGAATGCTCTGCTCCCTGGAGCTTTCGCTCCCGTCTGCTCTCTGG 180
Qy 181 TGGCAGGTGCTTTCGGGAGCGGGCCAGTGCAGAGCATCAGGGTTGTAGCATGGCAC 240
Db 181 TGGCAGGTGCTTTCGGGAGCGGGCCAGTGCAGAGCATCAGGGTTGTAGCATGGCAC 240
Qy 241 GTCAGCTGGGGTCTGTCACTATGGAACCTAACTGGCCCTGCTGCTACGGCTGGAGAAA 300
Db 241 GTCAGCTGGGGTCTGTCACTATGGAACCTAACTGGCCCTGCTGCTACGGCTGGAGAAA 300
Qy 301 ACAGCAGGAGCTGTGAAGCTACATGCGACCTGGATGAAGTTGGTGAAGCTGG 360
Db 301 ACAGCAGGAGCTGTGAAGCTACATGCGACCTGGATGAAGTTGGTGAAGCTGG 360
Qy 361 GACCAACAAATGCAGATGCTTTCAGGATACACCGGGAACCTGCAATCAAGATGGA 420
Db 361 GACCAACAAATGCAGATGCTTTCAGGATACACCGGGAACCTGCAATCAAGATGGA 420
Qy 421 ATGAGTGTGAATGAAACCCCGGCCATGCGAACACACAGATGTGTGAATACACCGAAGCT 480
Db 421 ATGAGTGTGAATGAAACCCCGGCCATGCGAACACACAGATGTGTGAATACACCGAAGCT 480
Qy 481 ACAAGTCTTTTGCCTCAGTGGCCACATGCTCATGCGCAGATGCTAGTGTGTAATCTTA 540
Db 481 ACAAGTCTTTTGCCTCAGTGGCCACATGCTCATGCGCAGATGCTAGTGTGTAATCTTA 540
Qy 541 GGACATGTGCATGATAAATGTCAGTACAGTGTGGAACACAGAGAGGGGCCACAGT 600
Db 541 GGACATGTGCATGATAAATGTCAGTACAGTGTGGAACACAGAGAGGGGCCACAGT 600
Qy 601 GCCTGTCTCATCTCAGGATCGCTGCGCCCAATGGAAGAGAGCTGTCTAGATATTG 660
Db 601 GCCTGTCTCATCTCAGGATCGCTGCGCCCAATGGAAGAGAGCTGTCTAGATATTG 660
Qy 661 ATGAATGTGCTGTGGTAAAGTCACTGTGCTCCCTACAAATCGAAGATGTGGAACACATTG 720
Db 661 ATGAATGTGCTGTGGTAAAGTCACTGTGCTCCCTACAAATCGAAGATGTGGAACACATTG 720
Qy 721 GAAGCTACTGCAATGTCATGTTGTTGCAAGTGCAGATATATACAGTGCAGCATATG 780
Db 721 GAAGCTACTGCAATGTCATGTTGTTGCAAGTGCAGATATATACAGTGCAGCATATG 780
Qy 781 ACTGTATAGATATAAATGTAATGTAATGATAGCCATACGTCAGGCCACCATGCCAAT 840
Db 781 ACTGTATAGATATAAATGTAATGTAATGATAGCCATACGTCAGGCCACCATGCCAAT 840
Qy 841 GCTTCAATACCCAGGGTCTTCAAGTGTAAATGCAAGCAGGGATATAAGCAATGGAC 900
Db 841 GCTTCAATACCCAGGGTCTTCAAGTGTAAATGCAAGCAGGGATATAAGCAATGGAC 900
Qy 901 TTCGGTGTCTGCTATCCCTGMAAATCTCTGGAAGGAAGTCTCTCAGAGCACCTGGTACCA 960
Db 901 TTCGGTGTCTGCTATCCCTGMAAATCTCTGGAAGGAAGTCTCTCAGAGCACCTGGTACCA 960
Qy 961 TCAAGACAGATCAGAGTGTGCTCTCAAAAACAGCATGAAAGAGGCAAAA 1020
Db 961 TCAAGACAGATCAGAGTGTGCTCTCAAAAACAGCATGAAAGAGGCAAAA 1020
Qy 1021 TTAATAATGTTTACCCAGAACCCACAGGACTCTTACCCCTAAGGTGAACCTTGCAGCCCT 1080
Db 1021 TTAATAATGTTTACCCAGAACCCACAGGACTCTTACCCCTAAGGTGAACCTTGCAGCCCT 1080
Qy 1081 TCAATATGAAGATAGTTTCCAGAGCGGGAACCTCTCATGAGGTAAAAAGGGAATG 1140
Db 1081 TCAATATGAAGATAGTTTCCAGAGCGGGAACCTCTCATGAGGTAAAAAGGGAATG 1140
Qy 1141 AAGAGAAATGAAGAGGGCTTGAAGATGAGAAAAGAGAGAGAGAGAGAGAGAGAGAGAG 1200
Db 1141 AAGAGAAATGAAGAGGGCTTGAAGATGAGAAAAGAGAGAGAGAGAGAGAGAGAGAGAG 1200

Qy 1201 CATAGAGAGCGAACCCCTGCGAGGAGATGTCTTTTCCCTAAGGTGAATGAAGCAGGTGA 1260
Db 1201 CATAGAGAGCGAACCCCTGCGAGGAGATGTCTTTTCCCTAAGGTGAATGAAGCAGGTGA 1260
Qy 1261 ATTTCGGCTGATTCTGCTGTCAAAAGGAAAGCGCTAACTTCCAACTCGAAACATAAAGATT 1320
Db 1261 ATTTCGGCTGATTCTGCTGTCAAAAGGAAAGCGCTAACTTCCAACTCGAAACATAAAGATT 1320
Qy 1321 AAATATCTGGTTGACTGCAGCTTCAATCATGGATCTGTGACTGGAAAACAGGATAGAGA 1380
Db 1321 AAATATCTGGTTGACTGCAGCTTCAATCATGGATCTGTGACTGGAAAACAGGATAGAGA 1380
Qy 1381 AGATGATTTTGAAGTCTGCTGCTGATCGAGATAATGCTATTGCTTCTATATGGCAGT 1440
Db 1381 AGATGATTTTGAAGTCTGCTGCTGATCGAGATAATGCTATTGCTTCTATATGGCAGT 1440
Qy 1441 TCCGCTTTCGAGTGTCAAGAAAGACATTTGGCGGATTTGAAACTTCTCTTACCTGACCT 1500
Db 1441 TCCGCTTTCGAGTGTCAAGAAAGACATTTGGCGGATTTGAAACTTCTCTTACCTGACCT 1500
Qy 1501 GCAACCCCAAGAACTTCTGTTTCTCTTGTATACGGCTGCGCGAGACAAAGTCGG 1560
Db 1501 GCAACCCCAAGAACTTCTGTTTCTCTTGTATACGGCTGCGCGAGACAAAGTCGG 1560
Qy 1561 GAAACTTTCAGTGTGTTGTGAAAAACAGTAAACAATGCCCTGGCATGGGAGAGACCAAG 1620
Db 1561 GAAACTTTCAGTGTGTTGTGAAAAACAGTAAACAATGCCCTGGCATGGGAGAGACCAAG 1620
Qy 1621 TGAGGATGAAAGTGGAGACAGGGAAATTCAGTTGTATCAAGGAACTGATGTACCAA 1680
Db 1621 TGAGGATGAAAGTGGAGACAGGGAAATTCAGTTGTATCAAGGAACTGATGTACCAA 1680
Qy 1681 AAGCATCATTTTGAAGCAGAACCTGGCAAGGCAAAACCGCGGAAATTCGAGTGGATGG 1740
Db 1681 AAGCATCATTTTGAAGCAGAACCTGGCAAGGCAAAACCGCGGAAATTCGAGTGGATGG 1740
Qy 1741 CGTCTTCTGTTTTCAGGCTTATGTCAGATAGCTTTTATCTCTGGATGACTGAATGTT 1800
Db 1741 CGTCTTCTGTTTTCAGGCTTATGTCAGATAGCTTTTATCTCTGGATGACTGAATGTT 1800
Qy 1801 ACTATCTTATATTTGACTTTTGTATGTCTGCTGCTGCTGCTTTTGTATTTGATTCATAG 1860
Db 1801 ACTATCTTATATTTGACTTTTGTATGTCTGCTGCTGCTGCTTTTGTATTTGATTCATAG 1860
Qy 1861 GACCTCTGGCATTTAGAAATTAAGTGAATAATTTGCTTTTAAATATCATATCAGTGT 1920
Db 1861 GACCTCTGGCATTTAGAAATTAAGTGAATAATTTGCTTTTAAATATCATATCAGTGT 1920
Qy 1921 TGTAAAGATGCTTCTTGTATAGATATGCCAATATTTGCTTTTAAATATCATATCAGTGT 1980
Db 1921 TGTAAAGATGCTTCTTGTATAGATATGCCAATATTTGCTTTTAAATATCATATCAGTGT 1980
Qy 1981 ATCTTCTAGTCAATTTCTGAATCTTTCCNCAATATTTATATAAATNTGGAANGTCAGTT 2040
Db 1981 ATCTTCTAGTCAATTTCTGAATCTTTCCNCAATATTTATATAAATNTGGAANGTCAGTT 2040
Qy 2041 TATCTCCCTCTCNCATATCTGATTTGTATANGTANGTTGATNGCTTCTCTTACAA 2100
Db 2041 TATCTCCCTCTCNCATATCTGATTTGTATANGTANGTTGATNGCTTCTCTTACAA 2100
Qy 2101 CATTTCTAGAAATAGAAAAAAGACACAGAAATGTTTAACTGTTTGACTCTTATGAT 2160
Db 2101 CATTTCTAGAAATAGAAAAAAGACACAGAAATGTTTAACTGTTTGACTCTTATGAT 2160
Qy 2161 ACTTCTTGAAACTATGACATCAAGATAGACTTTTGTCTAAGTGGCTTAGCTGGGTCTT 2220
Db 2161 ACTTCTTGAAACTATGACATCAAGATAGACTTTTGTCTAAGTGGCTTAGCTGGGTCTT 2220
Qy 2221 TCATAGCCAACTGTATATTTAAATCTTTGTAATAATAA 2260
Db 2221 TCATAGCCAACTGTATATTTAAATCTTTGTAATAATAA 2260

RESULT 30

ADD72935
ID ADD72935 standard; cDNA; 2260 BP.
XX AC
XX ADD72935;
DT 29-JAN-2004 (first entry)
XX DE Human cDNA encoding secreted/transmembrane protein, PRO320.
XX KW Human; ss; gene; secreted protein; transmembrane protein; PRO;
KW cystostatic; ophthalmological; antiarthritic; osteopathic; antirheumatic;
KW vulnary; auditory; tumour growth; retinal disorder;
KW sports-related joint problem; articular cartilage defects;
KW osteoarthritis; rheumatoid arthritis; wound healing; hearing loss.
XX OS Homo sapiens.
XX US2003203436-A1.
XX PD 30-OCT-2003.
XX PF 18-OCT-2001; 2001US-00145129.
XX PR 22-MAY-1998; 98US-0086414P.
XX PR 22-DEC-1998; 98US-0113298P.
XX PR 05-JAN-1999; 99WO-US000106.
XX PR 08-MAR-1999; 99WO-US005028.
XX PR 12-APR-1999; 99US-00284291.
XX PR 25-AUG-1999; 99US-00380138.
XX PR 18-FEB-2000; 2000WO-US004341.
XX PR 30-JUL-2001; 2001US-00918585.
XX PA (GETH) GENENTECH INC.
XX PI Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;
PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;
PI Geddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;
PI Kijavini IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;
PI Stewart TA, Tumas D, Williams PM, Wood WI;
XX WPI; 2003-875643/81.
DR P-PSDB; ADD72936.
XX PT New PRO genes and encoded secreted and transmembrane polypeptides, useful
PT for treating e.g. lung or breast tumors, osteoarthritis, rheumatoid
PT arthritis, obesity, diabetes, hyperinsulinemia, hypoinsulinemia or
PT wounds.
XX Claim 2; SEQ ID NO 118; 453pp; English.
XX The invention relates to an isolated PRO polypeptide (secreted or
XX transmembrane protein) having at least 80% amino acid sequence identity
XX to an amino acid sequence chosen from 94 fully defined sequences as given
XX in the specification (including PRO lacking its associated signal
XX peptide), a PRO extracellular domain with or without its associated signal
XX peptide). Also included are nucleic acids encoding the PRO proteins
XX mentioned above, a vector comprising a PRO nucleic acid), a host cell
XX comprising the vector and producing PRO, a chimeric molecule comprising
XX PRO fused to a heterologous amino acid sequence, and an anti-PRO
XX antibody. PRO337 polypeptide is useful for detecting a PRO4993
XX polypeptide in a sample suspected of containing PRO4993 polypeptide.
XX Similarly, PRO4993 polypeptide is useful for detecting PRO337
XX polypeptide. PRO725, PRO700 or PRO739 polypeptide is useful for detecting
XX PRO1559 polypeptide, and PRO1559 polypeptide is useful for detecting a
XX PRO725, PRO700 or PRO739. PRO4993 polypeptide is useful for linking a
XX bioactive molecule to a cell expressing PRO337 polypeptide. The bioactive molecule
XX is the toxin, radiolabel, or an antibody. PRO337 polypeptide causes death of the cell. PRO337 polypeptide is useful for linking a
XX bioactive molecule to a cell expressing PRO4993 polypeptide; PRO725,
XX PRO700 or PRO739 polypeptide are useful for linking a bioactive molecule
XX to a cell expressing PRO1559 polypeptide; and PRO1559 polypeptide is

CC useful for linking a bioactive molecule to a cell expressing PRO725,
CC PRO700 or PRO739 polypeptide. PRO4993 polypeptide or anti-PRO337
CC polypeptide is useful for modulating at least one biological activity of
CC the cell expressing PRO337 polypeptide, where the cell is killed. PRO337
CC polypeptide or anti-PRO4993 polypeptide is useful for modulating the
CC biological activity of the cell expressing PRO4993 polypeptide; PRO725,
CC PRO700 or PRO739 polypeptide or an anti-PRO1559 polypeptide is useful for
CC modulating the biological activity of the cell expressing PRO1559
CC polypeptide; and PRO1559 polypeptide or anti-PRO725, anti-PRO700 or anti-
CC PRO739 polypeptide is useful for modulating the biological activity of
CC the cell expressing PRO725, PRO700 or PRO739 polypeptide. The
CC polypeptides are useful for inhibiting tumour growth, retinal disorders,
CC sports-related joint problems, articular cartilage defects,
CC osteoarthritis or rheumatoid arthritis, wound healing and hearing loss in
CC mammals. The present sequence encodes a PRO protein.

XX SQ Sequence 2260 BP; 659 A; 458 C; 568 G; 568 T; 0 U; 7 Other;

Query Match	99.7%	Score 2253;	DB 9;	Length 2260;
Best Local Similarity	100.0%;	Pred. No. 0;		
Matches 2260;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;
QY 1	CGGACGGCTGGCTCGAGTGGAGCGGAGGACCCGAGCGCTGAGGAGGAGGAGGCGGCG	60		
Db 1	CGGACGGCTGGCTCGAGTGGAGCGGAGGACCCGAGCGCTGAGGAGGAGGAGGCGGCG	60		
QY 61	GCTTAGCTGTACGGGTCCGGCGCGCGCTCCGAGGGGGCTCAGGAGGAGGAGGA	120		
Db 61	GCTTAGCTGTACGGGTCCGGCGCGCGCTCCGAGGGGGCTCAGGAGGAGGAGGA	120		
QY 121	GGACCCGTGCGAGGAATCCCTGTGCCCTGGAGCGCTTGGCTCCCGCTGCTCTCTCTGG	180		
Db 121	GGACCCGTGCGAGGAATCCCTGTGCCCTGGAGCGCTTGGCTCCCGCTGCTCTCTCTGG	180		
QY 181	TGGCAGGTGCTTCGGGACCGCGCGCTCCGAGGGGGCTCAGGAGGAGGAGGAGG	240		
Db 181	TGGCAGGTGCTTCGGGACCGCGCGCTCCGAGGGGGCTCAGGAGGAGGAGGAGG	240		
QY 241	GTACGCTGGGGTCTGTCTACCTATGGAATGAACTGAGCTGCTCTCTCTCTCTCTCTCT	300		
Db 241	GTACGCTGGGGTCTGTCTACCTATGGAATGAACTGAGCTGCTCTCTCTCTCTCTCTCT	300		
QY 301	ACAGCAGGAGTCTGTGAGCTACATGCGAATGCGAATGCGAATGCGAATGCGAATGCG	360		
Db 301	ACAGCAGGAGTCTGTGAGCTACATGCGAATGCGAATGCGAATGCGAATGCGAATGCG	360		
QY 361	GACCAAAACAAATGAGAGTCTTTCCAGGATACACCGGGGAAACCTGCAAGTGTGA	420		
Db 361	GACCAAAACAAATGAGAGTCTTTCCAGGATACACCGGGGAAACCTGCAAGTGTGA	420		
QY 421	ATGAGTGTGGAATGAAACCCCGGCGCTCCGAGGAGTGTGTAATACACGAGGCT	480		
Db 421	ATGAGTGTGGAATGAAACCCCGGCGCTCCGAGGAGTGTGTAATACACGAGGCT	480		
QY 481	ACAAGTGTGTTTGGCTCAGTGGCGCACATGCTCATGCCAGATGCTTACCTGTGTA	540		
Db 481	ACAAGTGTGTTTGGCTCAGTGGCGCACATGCTCATGCCAGATGCTTACCTGTGTA	540		
QY 541	GGACATGTGCGCATGATAAATGTCAGTGTGAGGAGTGTGAGGAGGAGGAGGAGG	600		
Db 541	GGACATGTGCGCATGATAAATGTCAGTGTGAGGAGTGTGAGGAGGAGGAGGAGG	600		
QY 601	GCTGTGTTCATCTCTCAGGAGTCTCGGCTGGCGGCGGAGGAGTGTGTAATG	660		
Db 601	GCTGTGTTCATCTCTCAGGAGTCTCGGCTGGCGGCGGAGGAGTGTGTAATG	660		
QY 661	ATGAATGTGCTCTCTGTAAGTCTATCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT	720		
Db 661	ATGAATGTGCTCTCTGTAAGTCTATCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT	720		
QY 721	GAGCTACTACTGCAAAATGTCACATGTTTTCGAACTGCAATATATCAGTGTGAGG	780		
Db 721	GAGCTACTACTGCAAAATGTCACATGTTTTCGAACTGCAATATATCAGTGTGAGG	780		

PR 18-FEB-2000; 2000WO-US004341.
PR 24-FEB-2000; 2000WO-US005004.
PR 02-MAR-2000; 2000WO-US005841.
PR 10-MAR-2000; 2000WO-US006319.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014542.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 24-AUG-2000; 2000WO-US023328.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001WO-US006520.
PR 22-MAR-2001; 2001WO-US009552.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001WO-US017800.
PR 20-JUN-2001; 2001WO-US019692.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 30-JUL-2001; 2001US-00918585.

XX (GETH) GENENTECH INC.

XX Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;
PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;
PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;
PI Kijavini IJ, Kuo SS, Napiier WA, Pan J, Paoni NP, Roy MA, Shelton DL;
PI Stewart TA, Tumas D, Williams PW, Wood WI;

XX WPI; 2003-852598/79.

DR P-PSDB; ADD72294.

XX New secreted and transmembrane PRO nucleic acids and polypeptides, useful
DR for stimulating the release of tumor necrosis factor alpha from human
PT blood and stimulating the proliferation of differentiation of chondrocyte
PT cells.

XX Claim 2; SEQ ID NO 118; 462pp; English.

XX The invention relates to an isolated PRO polypeptide (secreted or
CC transmembrane protein) having at least 80% amino acid sequence identity
CC to an amino acid sequence chosen from 94 fully defined sequences as given
CC in the specification (including PRO lacking its associated signal
CC peptide, a PRO extracellular domain with or without its associated signal
CC peptide). Also included are nucleic acids encoding the PRO proteins
CC mentioned above, a vector comprising a PRO nucleic acid, a host cell
CC comprising the vector and producing PRO, a chimeric molecule comprising
CC PRO fused to a heterologous amino acid sequence, and an anti-PRO
CC antibody. PRO337 polypeptide is useful for detecting a PRO4993
CC polypeptide in a sample suspected of containing PRO4993 polypeptide.
CC Similarly, PRO4993 polypeptide is useful for detecting PRO337
CC polypeptide. PRO725, PRO700 or PRO739 polypeptide is useful for detecting
CC PRO1559 polypeptide, and PRO1559 polypeptide is useful for detecting
CC PRO725, PRO700 or PRO739. PRO4993 polypeptide is useful for linking a
CC bioactive molecule to a cell expressing PRO337 polypeptide. The bioactive
CC molecule is the toxin, radiolabel, or an antibody. The bioactive molecule
CC causes death of the cell. PRO337 polypeptide is useful for linking a
CC bioactive molecule to a cell expressing PRO4993 polypeptide; PRO725,
CC PRO700 or PRO739 polypeptide are useful for linking a bioactive molecule
CC to a cell expressing PRO1559 polypeptide; and PRO1559 polypeptide is
CC useful for linking a bioactive molecule to a cell expressing PRO725,
CC PRO700 or PRO739 polypeptide. PRO4993 polypeptide or anti-PRO337
CC polypeptide is useful for modulating at least one biological activity of
CC the cell expressing PRO337 polypeptide, where the cell is killed. PRO337
CC polypeptide or anti-PRO4993 polypeptide is useful for modulating the
CC biological activity of the cell expressing PRO4993 polypeptide; PRO725,
CC PRO700 or PRO739 polypeptide or an anti-PRO1559 polypeptide is useful for
CC modulating the biological activity of the cell expressing PRO1559
CC polypeptide; and PRO1559 polypeptide or anti-PRO725, anti-PRO700 or anti-
CC PRO739 polypeptide is useful for modulating the biological activity of
CC the cell expressing PRO725, PRO700 or PRO739 polypeptide. The

CC polypeptides are useful for inhibiting tumour growth, retinal disorders,
CC sports-related joint problems, articular cartilage defects,
CC osteoarthritis or rheumatoid arthritis, wound healing and hearing loss in
CC mammals. The present sequence encodes a PRO protein.

XX Sequence 2260 BP; 659 A; 458 C; 568 G; 568 T; 0 U; 7 Other;

SQ Query Match 99.7%; Score 2253; DB 9; Length 2260;

Best Local Similarity 100.0%; Pred. No. 0;

Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGGCTGGTCCGAGTGGAGCGGAGGACCGGAGCGCTGAGGAGAGAGAGGCGGG 60
DB 1 CGGACGGCTGGTCCGAGTGGAGCGGAGGACCGGAGCGCTGAGGAGAGAGAGGCGGG 60
QY 61 GCTTAGCTGCTAGCGGGTCCGGCGCGGCGGCTCCGAGGCGGGCTCAGGAGAGAGGA 120
DB 61 GCTTAGCTGCTAGCGGGTCCGGCGCGGCGGCTCCGAGGCGGGCTCAGGAGAGAGGA 120
QY 121 GGACCCCTGGCGAATGCTCTCTCCCTGGAGGCTTCCGCTCCGCTGCTCTCTCTGGG 180
DB 121 GGACCCCTGGCGAATGCTCTCTCCCTGGAGGCTTCCGCTCCGCTGCTCTCTCTGGG 180
QY 181 TGGCAGGTGGTTTTCGGGAACCGCGCCAGTCGAGGATCACCGGTTTGTAGCATCGGCAC 240
DB 181 TGGCAGGTGGTTTTCGGGAACCGCGCCAGTCGAGGATCACCGGTTTGTAGCATCGGCAC 240
QY 241 GTGAGCTGGGGTCTGTCTCATATGGAACCTGAACTGCGCTGCTCTACGGCTGGAGAGAA 300
DB 241 GTGAGCTGGGGTCTGTCTCATATGGAACCTGAACTGCGCTGCTCTACGGCTGGAGAGAA 300
QY 301 ACAGCAGGAGTCTGTGAAAGCTCATGCGAACTGGATGTAAGTTTGGTGGTGGTGG 360
DB 301 ACAGCAGGAGTCTGTGAAAGCTCATGCGAACTGGATGTAAGTTTGGTGGTGGTGG 360
QY 361 GACCAACCAATGAGATGCTTTTCCAGGATACACCGGGGAAACCTGCAGTCAAGATGTGA 420
DB 361 GACCAACCAATGAGATGCTTTTCCAGGATACACCGGGGAAACCTGCAGTCAAGATGTGA 420
QY 421 ATGAGTGTGGAATGAACCCCGGCGCATGCGAACACACAGATGTGTAATACACAGGAGCT 480
DB 421 ATGAGTGTGGAATGAACCCCGGCGCATGCGAACACACAGATGTGTAATACACAGGAGCT 480
QY 481 ACAAGTGTGTTTGGCTCAGTGGGCGACATGCTCATGCGAGATGCTAGTGTGTAATCTA 540
DB 481 ACAAGTGTGTTTGGCTCAGTGGGCGACATGCTCATGCGAGATGCTAGTGTGTAATCTA 540
QY 541 GGACATGTGCCATGATAACTGTCTAGTACAGTGTGGAAGACACAGAAAGAGGCCACAGT 600
DB 541 GGACATGTGCCATGATAACTGTCTAGTACAGTGTGGAAGACACAGAAAGAGGCCACAGT 600
QY 601 GCCTGTGTCCATCTCCAGGCTCGGCTGCGCCCAATGGAAGAGACTGTCTAGATATTG 660
DB 601 GCCTGTGTCCATCTCCAGGCTCGGCTGCGCCCAATGGAAGAGACTGTCTAGATATTG 660
QY 661 ATGATGTGCTCTGGTAAAGTCACTGTCTCCCTACAAATCGAAGATGTGTAACACATTG 720
DB 661 ATGATGTGCTCTGGTAAAGTCACTGTCTCCCTACAAATCGAAGATGTGTAACACATTG 720
QY 721 GAAGTACTACTGCAAAATGTCACATTTGTTTCACTGCAATATATCATGTTGGACGATG 780
DB 721 GAAGTACTACTGCAAAATGTCACATTTGTTTCACTGCAATATATCATGTTGGACGATG 780
QY 781 ACTGTATAGATATAAATGAATGTACTATGATAGCCCATCGTCAGGCCACCATGCCAATT 840
DB 781 ACTGTATAGATATAAATGAATGTACTATGATAGCCCATCGTCAGGCCACCATGCCAATT 840
QY 841 GCTTCAATACCCAGGCTCTTCAAGTGTAAATGCAAGCGGGATATAAGGCAATGGAC 900
DB 841 GCTTCAATACCCAGGCTCTTCAAGTGTAAATGCAAGCGGGATATAAGGCAATGGAC 900
QY 901 TTCCGCTGTTCTGCTATCCCTCAAAATTTCTGTGAAGGAGTCTCTCAGAGCACCTGGTACCA 960

901 TTCTGGTTCCTCTCTCCCTGAAATTCCTGTGAAGGAAGTCTCTCAGAGCACCTGGTACCA 960
961 TCAAGACAGAAATCAAGAAAGTGTCTGTCTCAAAACACAGCTGAAAAAGAGCAAAA 1020
961 TCAAGACAGAAATCAAGAAAGTGTCTGTCTCAAAACACAGCTGAAAAAGAGCAAAA 1020
1021 TTAATAATGTATCCCAAGAACCCACAGAGTCTCTACCCCTAAGGTGAACTTCAGAGCCCT 1080
1021 TTAATAATGTATCCCAAGAACCCACAGAGTCTCTACCCCTAAGGTGAACTTCAGAGCCCT 1080
1081 TCAACTATGAGAGATAGTTCCTCAGAGCGGGAACTCTCATGAGAGTAAAAAGAGGAATG 1140
1081 TCAACTATGAGAGATAGTTCCTCAGAGCGGGAACTCTCATGAGAGTAAAAAGAGGAATG 1140
1141 AAGAGAAATGAAGAGGGGCTTGAGATGAGAAAGAGAGAGAAAGCCCTGAGAGATGA 1200
1141 AAGAGAAATGAAGAGGGGCTTGAGATGAGAAAGAGAGAGAAAGCCCTGAGAGATGA 1200
1201 CATAG 1260
1201 CATAG 1260
1261 ATTGGGCTGATCTGGTCCAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGATTT 1320
1261 ATTGGGCTGATCTGGTCCAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGATTT 1320
1321 AATATCTCGGTGACTGAGCTCAATCATGGAGTCTGAGTGGAAACAGGATAGAGA 1380
1321 AATATCTCGGTGACTGAGCTCAATCATGGAGTCTGAGTGGAAACAGGATAGAGA 1380
1381 AGATGATTTGACTGAATCTGCTGATCGAGATATGCTATGCTCTCTATATGGCAGT 1440
1381 AGATGATTTGACTGAATCTGCTGATCGAGATATGCTATGCTCTCTATATGGCAGT 1440
1441 TCCGGCTCTGGCAGGTCACAGAAAGACATGCGCGATTTGAACTTCTCTACCTGACCT 1500
1441 TCCGGCTCTGGCAGGTCACAGAAAGACATGCGCGATTTGAACTTCTCTACCTGACCT 1500
1501 GCAACCCCAAGCAACTCTGTTTGTCTTGTGATTTACCGCTGCGCGAGACAAAGTCGG 1560
1501 GCAACCCCAAGCAACTCTGTTTGTCTTGTGATTTACCGCTGCGCGAGACAAAGTCGG 1560
1561 GAAACTTCGAGTGTGTGAAAAACAGTAACATGCTGCGATGCGGAGAGAGACACAGAG 1620
1561 GAAACTTCGAGTGTGTGAAAAACAGTAACATGCTGCGATGCGGAGAGAGACACAGAG 1620
1621 TGAGATGAAAAAGTGGAGACAGGGAAATTCAGTTGTATCAAGGAACAGTGTACCAA 1680
1621 TGAGATGAAAAAGTGGAGACAGGGAAATTCAGTTGTATCAAGGAACAGTGTACCAA 1680
1681 AAGCATCATTTTGAAGCAGAACGTCGCAAGGCAAAACCGCGAAATCGCAGTGGATGG 1740
1681 AAGCATCATTTTGAAGCAGAACGTCGCAAGGCAAAACCGCGAAATCGCAGTGGATGG 1740
1741 CGTCTGCTGTTTTCAGGCTTATGTCAGATAGCCCTTTTATCTGCGATGAGTGAATCTT 1800
1741 CGTCTGCTGTTTTCAGGCTTATGTCAGATAGCCCTTTTATCTGCGATGAGTGAATCTT 1800
1801 ACTATCTTATTTATTTGATTTGATGTCAGTTCCTCTGTTTCTTTTATATTCATCATAG 1860
1801 ACTATCTTATTTGATTTGATGTCAGTTCCTCTGTTTCTTTTATATTCATCATAG 1860
1861 GACCTTGGCAATTTAGAAATACAGCTGAAAAATTTGATGTAACCAAGAAATATAT 1920
1861 GACCTTGGCAATTTAGAAATACAGCTGAAAAATTTGATGTAACCAAGAAATATAT 1920
1921 TGTAGATGCTCTTCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1980
1921 TGTAGATGCTCTTCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1980
1981 ATCTTCTCAGTCATTTCTGAACTCTTCCNCAATATATATATATATATATATATATATATAT 2040
1981 ATCTTCTCAGTCATTTCTGAACTCTTCCNCAATATATATATATATATATATATATATATAT 2040

2041 TATCTCCCTCCCTGCTATATCTGATTTGTATGANGTANGTANGTCTCTCTACAA 2100
2041 TATCTCCCTCCCTGCTATATCTGATTTGTATGANGTANGTANGTCTCTCTACAA 2100
2101 CATTTCTAGAAAAATAGAAAAAGACAGAGAAATGTTTAACTGTTTGAACCTTATGAT 2160
2101 CATTTCTAGAAAAATAGAAAAAGACAGAGAAATGTTTAACTGTTTGAACCTTATGAT 2160
2161 ACTTCTTGGAAACTATGACATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGGCTCTT 2220
2161 ACTTCTTGGAAACTATGACATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGGCTCTT 2220
2221 TCATAGCCAAACTTGTATATTTAATTTCTTTGTAATAATAA 2260
2221 TCATAGCCAAACTTGTATATTTAATTTCTTTGTAATAATAA 2260

RESULT 32
ADEI6944
ID ADEI6944 standard; cDNA; 2260 BP.
XX
AC ADEI6944;
XX
DT 29-JAN-2004 (first entry)
XX
DE Human cDNA encoding secreted/transmembrane protein, PRO320.
XX
DE Human; ss; gene; secreted protein; transmembrane protein; PRO;
KW cytostatic; ophthalmological; antiarthritic; osteopathic; antirheumatic;
KW vulnery; auditory; tumour growth; retinal disorder;
KW sports-related joint problem; articular cartilage defects;
KW osteoarthritis; rheumatoid arthritis; wound healing; hearing loss.
XX
OS Homo sapiens.
XX
PN US2003203433-A1.
XX
PD 30-OCT-2003.
XX
PF 18-OCT-2001; 2001US-00145016.
XX
PR 06-MAY-1998; 98US-0084414P.
PR 22-DEC-1998; 98US-0113296P.
PR 05-JAN-1999; 99WO-US000106.
PR 08-MAR-1999; 99WO-US0005028.
PR 12-APR-1999; 99US-00284291.
PR 25-AUG-1999; 99US-00380138.
PR 18-FEB-2000; 2000WO-US004341.
PR 30-JUL-2001; 2001US-00918585.
XX
(GETH) GENENTECH INC.
XX
XX Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;
XX Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;
XX Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;
XX Kijavini LJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;
XX Stewart TA, Tumas D, Williams PM, Wood WJ;
XX WPI; 2003-875640/81.
XX P-PSDB; ADEI6945.
XX
XX New genes, and its encoded secreted and transmembrane polypeptides,
XX useful for treating e.g. lung or breast tumors, osteoarthritis,
XX rheumatoid arthritis, obesity, diabetes, hyperinsulinemia,
XX hypoinsulinemia or wounds.
XX
XX Claim 2; SEQ ID NO 118; 459pp; English.
XX
XX The invention relates to an isolated PRO polypeptide (secreted or
XX transmembrane protein) having at least 80% amino acid sequence identity
XX to an amino acid sequence chosen from 94 fully defined sequences as given
XX in the specification (including PRO lacking its associated signal

peptide, a PRO extracellular domain with or without its associated signal peptide). Also included are nucleic acids encoding the PRO proteins mentioned above, a vector comprising a PRO nucleic acid, a host cell comprising the vector and producing PRO, a chimeric molecule comprising PRO fused to a heterologous amino acid sequence, and an anti-PRO antibody. PRO337 polypeptide is useful for detecting a PRO4993 polypeptide in a sample suspected of containing PRO4993 polypeptide. Similarly, PRO4993 polypeptide is useful for detecting PRO337 polypeptide, and PRO1559 polypeptide is useful for detecting PRO725, PRO700 or PRO739. PRO4993 polypeptide is useful for linking a bioactive molecule to a cell expressing PRO337 polypeptide. The bioactive molecule is the toxin, radiolabel, or an antibody. The bioactive molecule causes death of the cell. PRO337 polypeptide is useful for linking a bioactive molecule to a cell expressing PRO4993 polypeptide; PRO725, PRO700 or PRO739 polypeptide are useful for linking a bioactive molecule to a cell expressing PRO1559 polypeptide; and PRO1559 polypeptide is useful for linking a bioactive molecule to a cell expressing PRO725, PRO700 or PRO739 polypeptide. PRO4993 polypeptide or anti-PRO337 polypeptide is useful for modulating at least one biological activity of the cell expressing PRO337 polypeptide, where the cell is killed. PRO337 polypeptide or anti-PRO4993 polypeptide is useful for modulating the biological activity of the cell expressing PRO4993 polypeptide; PRO725, PRO700 or PRO739 polypeptide or an anti-PRO1559 polypeptide is useful for modulating the biological activity of the cell expressing PRO1559 polypeptide; and PRO1559 polypeptide or anti-PRO725, anti-PRO700 or anti-PRO739 polypeptide is useful for modulating the biological activity of the cell expressing PRO725, PRO700 or PRO739 polypeptide. The polypeptides are useful for inhibiting tumour growth, retinal disorders, sports-related joint problems, articular cartilage defects, osteoarthritis or rheumatoid arthritis, wound healing and hearing loss in mammals. The present sequence encodes a PRO protein.

Sequence 2260 BP; 659 A; 458 C; 568 G; 568 T; 0 U; 7 Other;

Query Match 99.7%; Score 2253; DB 9; Length 2260;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGAGCGCTGGTGGAGTGGAGCGAGAGCCCGAGCGGCTGAGAGAGAGAGCGCGG 60
DB 1 CGAGCGCTGGTGGAGTGGAGCGAGAGCCCGAGCGGCTGAGAGAGAGAGCGCGG 60

QY 61 GCTTAGCTCTACGGGCTCGGCGCGGCGCTCCGAGGGGGCTCAGGAGGAGGAGGA 120
DB 61 GCTTAGCTCTACGGGCTCGGCGCGGCGCTCCGAGGGGGCTCAGGAGGAGGAGGA 120

QY 121 GGACCGCTGCGAGATGCTCTGCGCTGGAGCTTGGCGCTCCCGCTGCTCTCTCGG 180
DB 121 GGACCGCTGCGAGATGCTCTGCGCTGGAGCTTGGCGCTCCCGCTGCTCTCTCGG 180

QY 181 TGCGAGGTGTTTCGGAGCGCGGCGCTGCAAGCATCAGCGGTTGTAGCATCGGCAC 240
DB 181 TGCGAGGTGTTTCGGAGCGCGGCGCTGCAAGCATCAGCGGTTGTAGCATCGGCAC 240

QY 241 GTGAGCGTGGGCTGTCTCATATGGAATAAATGCGCTGCTGCTGCTGCTGCTGCTG 300
DB 241 GTGAGCGTGGGCTGTCTCATATGGAATAAATGCGCTGCTGCTGCTGCTGCTGCTG 300

QY 301 ACAGCAAGGCTCTGTGAGCTATCGGACCTGGATGTAAGTTTGGTGGTGGTGG 360
DB 301 ACAGCAAGGCTCTGTGAGCTATCGGACCTGGATGTAAGTTTGGTGGTGGTGG 360

QY 361 GACCAACAATAATGCAATGCTTTTCAGGATACACCGGGGAAACCTGCAAGTGTGA 420
DB 361 GACCAACAATAATGCAATGCTTTTCAGGATACACCGGGGAAACCTGCAAGTGTGA 420

QY 421 ATGAGTGGATGTAACCCCGGCTATCGGACACAGATGTGTAATACACAGGAGCT 480
DB 421 ATGAGTGGATGTAACCCCGGCTATCGGACACAGATGTGTAATACACAGGAGCT 480

QY 481 ACAAGTGCCTTTGCTCAGTGGCCACATGCTCATGCGAGATGCTACGCTGTGAACTCTA 540

DB 481 ACAAGTGCCTTTGCTCAGTGGCCACATGCTCATGCCAGATGCTACGCTGTGAACTCTA 540

QY 541 GGACATGTGCCATGATAAATGTCAGTACAGCTGTGGAAGACACAGAAAGGCCACAGT 600

DB 541 GGACATGTGCCATGATAAATGTCAGTACAGCTGTGGAAGACACAGAAAGGCCACAGT 600

QY 601 GCCTGTGTCATCTCCAGGACTCCGCTGGCCCCCAATGGAAGAGACTGTCTAGATATTG 660

DB 601 GCCTGTGTCATCTCCAGGACTCCGCTGGCCCCCAATGGAAGAGACTGTCTAGATATTG 660

QY 661 ATGAATGTGCTCTGTGTAAGTCAATCTGCTCCCTACAAATCGAAGATGTGTGAACACATTG 720

DB 661 ATGAATGTGCTCTGTGTAAGTCAATCTGCTCCCTACAAATCGAAGATGTGTGAACACATTG 720

QY 721 GAAGCTACTCTGCAAAATGTCACATGCTTCCGAACCTGCATATATCAGTGGAGCATG 780

DB 721 GAAGCTACTCTGCAAAATGTCACATGCTTCCGAACCTGCATATATCAGTGGAGCATG 780

QY 781 ACTGTATAGATATAAATGAATGTATGATAGCCATACGTGCAGCCACCATGCCAATT 840

DB 781 ACTGTATAGATATAAATGAATGTATGATAGCCATACGTGCAGCCACCATGCCAATT 840

QY 841 GCTTCATACCCAGGGTCTCTCAAGTGTAAATGCAAGAGGATATAAAGGCAATGGAC 900

DB 841 GCTTCATACCCAGGGTCTCTCAAGTGTAAATGCAAGAGGATATAAAGGCAATGGAC 900

QY 901 TTCGCTGTCTGCTATCCCTGAAATTTCTGTGAAGGAAGTCTCCTCAGAGCACTGGTACCA 960

DB 901 TTCGCTGTCTGCTATCCCTGAAATTTCTGTGAAGGAAGTCTCCTCAGAGCACTGGTACCA 960

QY 961 TCAAGACAGATCAAGAGTGTCTCTCACAATAACACATGCAAGAGGCAAGGCAAAA 1020

DB 961 TCAAGACAGATCAAGAGTGTCTCTCACAATAACACATGCAAGAGGCAAGGCAAAA 1020

QY 1021 TTAAAAATGTTACCCCGAGAACCCACAGGACTCTCTACCCCTTAAGGTGAACTTGCAGCCCT 1080

DB 1021 TTAAAAATGTTACCCCGAGAACCCACAGGACTCTCTACCCCTTAAGGTGAACTTGCAGCCCT 1080

QY 1081 TCACATATGAAGATAGTTCAGAGCGCGGAACTCTCATGAGGTGTAAGGAGGAGATG 1140

DB 1081 TCACATATGAAGATAGTTCAGAGCGCGGAACTCTCATGAGGTGTAAGGAGGAGATG 1140

QY 1141 AAGAGAAATGAAGAGGGCTTGAAGATGAGAAAGAGAGAGAGAGCCCTGAAGATGA 1200

DB 1141 AAGAGAAATGAAGAGGGCTTGAAGATGAGAAAGAGAGAGAGAGCCCTGAAGATGA 1200

QY 1201 CATAGAGAGAGAGAGCTGCGAGAGATGTGTTTTCCCTTAAGGTGAAAGAGAGAGTGA 1260

DB 1201 CATAGAGAGAGAGAGCTGCGAGAGATGTGTTTTCCCTTAAGGTGAAAGAGAGAGTGA 1260

QY 1261 ATTGGCTGATTTCTGTTCCAAAGGAAGCGCTAACTTCCAAACTGGAACATAAAGATT 1320

DB 1261 ATTGGCTGATTTCTGTTCCAAAGGAAGCGCTAACTTCCAAACTGGAACATAAAGATT 1320

QY 1321 AAATATCTCGTTCACCTGAGCTTCAATCATGGATCTGTGATGGAAGAGAGATAGAGA 1380

DB 1321 AAATATCTCGTTCACCTGAGCTTCAATCATGGATCTGTGATGGAAGAGAGATAGAGA 1380

QY 1381 AGATGATTTTCACTGGAATCTGCTGATCGAGATGATGCTTATTTGGCTTCTATATGCACT 1440

DB 1381 AGATGATTTTCACTGGAATCTGCTGATCGAGATGATGCTTATTTGGCTTCTATATGCACT 1440

QY 1441 TCCGCGCTTGGCAGGTCAAGAAAGACATTGGCCGATTGAAACTTCTCTACCTGACCT 1500

DB 1441 TCCGCGCTTGGCAGGTCAAGAAAGACATTGGCCGATTGAAACTTCTCTACCTGACCT 1500

QY 1501 GCACCCCAAGAGCACTTCTGTTTGTCTTTGATATCCGCTGCGCGGAGCAAGCTCGG 1560

DB 1501 GCACCCCAAGAGCACTTCTGTTTGTCTTTGATATCCGCTGCGCGGAGCAAGCTCGG 1560

QY 1561 GAAACTTCGAGTGTGTTGAAAAACAGTAAACAATGCCCTGGCATGGGAGAGACACGAG 1620

DB 1561 GAAACTTCGAGTGTGTTGAAAAACAGTAAACAATGCCCTGGCATGGGAGAGACACGAG 1620


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QY 1621 TGAGATGAAAAGTGAAGACAGGAGAAATTCAGTTGTATCAAGGAAGTCACTGCTACCAA 1680
DB 1621 TGAGATGAAAAGTGAAGACAGGAGAAATTCAGTTGTATCAAGGAAGTCACTGCTACCAA 1680
QY 1681 AAGCATCATTTTGAAGCAGACAGTGGCAAGGCGAAACCGGCGAAATCCAGTGGATGG 1740
DB 1681 AAGCATCATTTTGAAGCAGACAGTGGCAAGGCGAAACCGGCGAAATCCAGTGGATGG 1740
QY 1741 CGTCTGTGCTTGTTCAGGCTTATGCTCAGATAGAGCTTTTATCTGGATGACTGAATGTT 1800
DB 1741 CGTCTGTGCTTGTTCAGGCTTATGCTCAGATAGAGCTTTTATCTGGATGACTGAATGTT 1800
QY 1801 ACTACTTTATATTTGATCTGTATGTCAGTTCCTCGTGTGTTTTTTTGTATTTGATCATAG 1860
DB 1801 ACTACTTTATATTTGATCTGTATGTCAGTTCCTCGTGTGTTTTTTTGTATTTGATCATAG 1860
QY 1861 GACCTCTGCAATTTAGAAATTAAGTCTGAAATTTGTAATGTACCAACAGAAATATAT 1920
DB 1861 GACCTCTGCAATTTAGAAATTAAGTCTGAAATTTGTAATGTACCAACAGAAATATAT 1920
QY 1921 TGTAGATGCTTCTTGTATAGATATGCCAATATTTGCTTTAAATATCATATCACTGT 1980
DB 1921 TGTAGATGCTTCTTGTATAGATATGCCAATATTTGCTTTAAATATCATATCACTGT 1980
QY 1981 ATCTTCTCAGTCATTTCTGAAATCTTCCNCAATATATATATAAAATNTGGAANGTCAGTT 2040
DB 1981 ATCTTCTCAGTCATTTCTGAAATCTTCCNCAATATATATATAAAATNTGGAANGTCAGTT 2040
QY 2041 TATCTCCCTCCCTCNGTATATCTGATTTGTATANGTANGTGTGATGNGCTTCTCTACAA 2100
DB 2041 TATCTCCCTCCCTCNGTATATCTGATTTGTATANGTANGTGTGATGNGCTTCTCTACAA 2100
QY 2101 CATTTCTAGAAATAGAAAAAAGACACAGAGAAATGTTAACTGTTTGAATCTTATGAT 2160
DB 2101 CATTTCTAGAAATAGAAAAAAGACACAGAGAAATGTTAACTGTTTGAATCTTATGAT 2160
QY 2161 ACTTCTTGAAACTATGACATCAAGATAGACTTTTGCTTAAGTGGCTTACTGGTCTT 2220
DB 2161 ACTTCTTGAAACTATGACATCAAGATAGACTTTTGCTTAAGTGGCTTACTGGTCTT 2220
QY 2221 TCATAGCCAACTTGATATTTAAATCTTTTGAATAATAA 2260
DB 2221 TCATAGCCAACTTGATATTTAAATCTTTTGAATAATAA 2260

RESULT 33
ADE48452
ID ADE48452 standard; cDNA; 2260 BP.
XX AC ADE48452;
XX DT 29-JAN-2004 (first entry)
XX DE Human cDNA encoding secreted/transmembrane protein, PRO320.
XX KW Human; ss; gene; secreted protein; transmembrane protein; PRO;
XX KW cytosolic; ophthalmological; antiarthritic; osteopathic; antirheumatic;
XX KW sensory; auditory; tumor growth; retinal disorder;
XX KW sports-related joint problem; articular cartilage defects;
XX KW osteoarthritis; rheumatoid arthritis; wound healing; hearing loss.
XX OS Homo sapiens.
XX PN US2003104536-A1.
XX PD 05-JUN-2003.
XX PF 19-OCT-2001; 2001US-00166709.
XX PR 07-OCT-1998; 98WO-US021141.
XX PR 20-NOV-1998; 98WO-US024855.
XX PR 05-JAN-1999; 99WO-US000106.
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PR 08-MAR-1999; 99WO-US005028.
PR 10-MAR-1999; 99WO-US005190.
PR 14-MAY-1999; 99WO-US010733.
PR 02-JUN-1999; 99WO-US012252.
PR 02-NOV-1999; 99WO-US028313.
PR 02-DEC-1999; 99WO-US028551.
PR 16-DEC-1999; 99WO-US028565.
PR 30-DEC-1999; 99WO-US030095.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 24-FEB-2000; 2000WO-US005004.
PR 02-MAR-2000; 2000WO-US005841.
PR 10-MAR-2000; 2000WO-US006319.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 24-AUG-2000; 2000WO-US023328.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001WO-US006520.
PR 22-MAR-2001; 2001WO-US009552.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001WO-US017800.
PR 20-JUN-2001; 2001WO-US019892.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 30-JUL-2001; 2001US-00918585.
XX (GETH ) GENENTECH INC.
```

Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;
Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;
Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ,
Kijavini IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;
Stewart TA, Tumas D, Williams PM, Wood WI;

WPI: 2004-008994/01.

P-PSDB; ADE48453.

New isolated nucleic acid encoding a PRO polypeptide, e.g. PRO4993 or PRO337, useful in molecular biology, chromosome and gene mapping, in generating antisense RNA and DNA, and in gene therapy.

Claim 2; SEQ ID NO 118; 460pp; English.

The invention relates to an isolated PRO polypeptide (secreted or transmembrane protein) having at least 80% amino acid sequence identity to an amino acid sequence chosen from 94 fully defined sequences as given in the specification (including PRO lacking its associated signal peptide, a PRO extracellular domain with or without its associated signal peptide). Also included are nucleic acids encoding the PRO proteins mentioned above, a vector comprising a PRO nucleic acid, a host cell comprising the vector and producing PRO, a chimeric molecule comprising PRO fused to a heterologous amino acid sequence, and an anti-PRO antibody. PRO337 polypeptide is useful for detecting a PRO4993 polypeptide. PRO337 polypeptide is useful for detecting PRO337. Similarly, PRO4993 polypeptide is useful for detecting PRO337 polypeptide. PRO725, PRO700 or PRO739 polypeptide is useful for detecting PRO1559 polypeptide, and PRO1559 polypeptide is useful for detecting PRO725, PRO700 or PRO739. PRO4993 polypeptide is useful for linking a bioactive molecule to a cell expressing PRO337 polypeptide. The bioactive molecule is the toxin, radiolabel, or an antibody. The bioactive molecule causes death of the cell. PRO337 polypeptide is useful for linking a bioactive molecule to a cell expressing PRO4993 polypeptide; PRO725,

Db 1801 ACTATCTTTATATTGACCTTTGTAATGTCAGTTCCTGGTTTTTTTGTATATTGCAATCATAG 1860
QY 1861 GACCTCTGCATTTAGATTACTAGCTGAAATAATGTAATGTACCAACAGAAATATTAT 1920
Db 1861 GACCTCTGCATTTAGATTACTAGCTGAAATAATGTAATGTACCAACAGAAATATTAT 1920
QY 1921 TGTAAGATGCCCTTCTTGTATAGATATGCCCAATATTTGCTTTAAATATCATATCACTGT 1980
Db 1921 TGTAAGATGCCCTTCTTGTATAGATATGCCCAATATTTGCTTTAAATATCATATCACTGT 1980
QY 1981 ATCTTCTAGCTATTTCTGAACTTTCNCATATATTAATAATNGGAANGTCAGTT 2040
Db 1981 ATCTTCTAGCTATTTCTGAACTTTCNCATATATTAATAATNGGAANGTCAGTT 2040
QY 2041 TATCTCCCTCCCTCNGTATATCTGATTTGTATANGTANGTTCATGCTTCTCTCTACAA 2100
Db 2041 TATCTCCCTCCCTCNGTATATCTGATTTGTATANGTANGTTCATGCTTCTCTCTACAA 2100
QY 2101 CATTTCTAGAAATAGAAAAAAGCAGAGAAATGTTAACTGTTTGACTCTTTATGAT 2160
Db 2101 CATTTCTAGAAATAGAAAAAAGCAGAGAAATGTTAACTGTTTGACTCTTTATGAT 2160
QY 2161 ACTTCTTGAAACTATGACATCAAGATAGACTTTTGCTTAAGTGGCTTAGCTGGCTTT 2220
Db 2161 ACTTCTTGAAACTATGACATCAAGATAGACTTTTGCTTAAGTGGCTTAGCTGGCTTT 2220
QY 2221 TCATAGCCAACTTGATATATTAATTTCTTTGTAATAATAA 2260
Db 2221 TCATAGCCAACTTGATATATTAATTTCTTTGTAATAATAA 2260
RESULT 34
ADE89553
ID ADE89553 standard; cDNA; 2260 BP.
XX AC ADE89553;
XX DT 29-JAN-2004 (first entry)
XX DE Human cDNA encoding secreted/transmembrane protein, PRO320.
XX KW Human; ss, gene; secreted protein; transmembrane protein; PRO;
KW cytosolic; ophthalmological; antiarthritic; osteopathic; antirheumatic;
KW vulnarary; auditory; tumour growth; retinal disorder;
KW sports-related joint problem; articular cartilage defects;
KW osteoarthritis; rheumatoid arthritis; wound healing; hearing loss.
XX OS Homo sapiens.
XX FN US2003130181-A1.
XX PD 10-JUL-2003.
XX PF 16-OCT-2001; 2001US-00978375.
XX PR 17-OCT-1997; 97US-0062250P.
PR 03-NOV-1997; 97US-0064249P.
PR 13-NOV-1997; 97US-0065311P.
PR 21-NOV-1997; 97US-0066364P.
PR 10-MAR-1998; 98US-0077450P.
PR 11-MAR-1998; 98US-0077632P.
PR 11-MAR-1998; 98US-0077641P.
PR 11-MAR-1998; 98US-0077649P.
PR 12-MAR-1998; 98US-0077791P.
PR 13-MAR-1998; 98US-0078004P.
PR 20-MAR-1998; 98US-0078886P.
PR 20-MAR-1998; 98US-0078910P.
PR 20-MAR-1998; 98US-0078936P.
PR 20-MAR-1998; 98US-0078939P.
PR 25-MAR-1998; 98US-0079294P.
PR 26-MAR-1998; 98US-0079656P.
PR 27-MAR-1998; 98US-0079663P.
PR 27-MAR-1998; 98US-0079664P.
PR 27-MAR-1998; 98US-0079689P.
PR 27-MAR-1998; 98US-0079728P.
PR 27-MAR-1998; 98US-0079786P.
PR 30-MAR-1998; 98US-0079920P.
PR 30-MAR-1998; 98US-0079923P.
PR 31-MAR-1998; 98US-0080105P.
PR 31-MAR-1998; 98US-0080107P.
PR 31-MAR-1998; 98US-0080165P.
PR 31-MAR-1998; 98US-0080194P.
PR 01-APR-1998; 98US-0080327P.
PR 01-APR-1998; 98US-0080328P.
PR 01-APR-1998; 98US-0080333P.
PR 01-APR-1998; 98US-0080334P.
PR 08-APR-1998; 98US-0081049P.
PR 08-APR-1998; 98US-0081070P.
PR 08-APR-1998; 98US-0081071P.
PR 09-APR-1998; 98US-0081195P.
PR 09-APR-1998; 98US-0081203P.
PR 09-APR-1998; 98US-0081229P.
PR 15-APR-1998; 98US-0081817P.
PR 15-APR-1998; 98US-0081819P.
PR 15-APR-1998; 98US-0081838P.
PR 15-APR-1998; 98US-0081952P.
PR 15-APR-1998; 98US-0081955P.
PR 21-APR-1998; 98US-0082568P.
PR 21-APR-1998; 98US-0082569P.
PR 22-APR-1998; 98US-0082700P.
PR 22-APR-1998; 98US-0082704P.
PR 22-APR-1998; 98US-0082797P.
PR 22-APR-1998; 98US-0082804P.
PR 23-APR-1998; 98US-0082796P.
PR 27-APR-1998; 98US-0083336P.
PR 28-APR-1998; 98US-0083322P.
PR 28-APR-1998; 98US-0083392P.
PR 23-APR-1998; 98US-0083495P.
PR 29-APR-1998; 98US-0083496P.
PR 29-APR-1998; 98US-0083499P.
PR 29-APR-1998; 98US-0083500P.
PR 29-APR-1998; 98US-0083545P.
PR 29-APR-1998; 98US-0083554P.
PR 29-APR-1998; 98US-0083558P.
PR 23-APR-1998; 98US-0083559P.
PR 30-APR-1998; 98US-0083742P.
PR 03-MAY-1998; 98US-0084366P.
PR 06-MAY-1998; 98US-0084414P.
PR 07-MAY-1998; 98US-0084441P.
PR 07-MAY-1998; 98US-0084598P.
PR 07-MAY-1998; 98US-0084600P.
PR 07-MAY-1998; 98US-0084627P.
PR 07-MAY-1998; 98US-0084637P.
PR 07-MAY-1998; 98US-0084639P.
PR 07-MAY-1998; 98US-0084640P.
PR 07-MAY-1998; 98US-0084643P.
PR 13-MAY-1998; 98US-0085323P.
PR 13-MAY-1998; 98US-0085338P.
PR 15-MAY-1998; 98US-0085573P.
PR 15-MAY-1998; 98US-0085579P.
PR 15-MAY-1998; 98US-0085580P.
PR 15-MAY-1998; 98US-0085582P.
PR 15-MAY-1998; 98US-0085689P.
PR 15-MAY-1998; 98US-0085697P.
PR 15-MAY-1998; 98US-0085700P.
PR 15-MAY-1998; 98US-0085704P.
PR 18-MAY-1998; 98US-0086023P.
PR 22-MAY-1998; 98US-0086392P.
PR 22-MAY-1998; 98US-0086414P.
PR 22-MAY-1998; 98US-0086430P.
PR 22-MAY-1998; 98US-0086486P.
PR 28-MAY-1998; 98US-0087098P.
PR 28-MAY-1998; 98US-0087106P.
PR 28-MAY-1998; 98US-0087208P.
PR 26-JUN-1998; 98US-0090863P.

PR 26-JUN-1998; 98US-0091010P.
PR 01-JUL-1998; 98US-0091359P.
PR 30-JUL-1998; 98US-0094651P.
PR 11-SEP-1998; 98US-0100038P.
PR 07-OCT-1998; 98US-0100211P.
PR 20-NOV-1998; 98US-0109304P.
PR 22-DEC-1998; 98US-0109248P.
PR 22-DEC-1998; 98US-0113296P.
PR 23-DEC-1998; 98US-0113621P.
PR 05-JAN-1999; 99US-00000106.
PR 08-MAR-1999; 99US-00005028.
PR 10-MAR-1999; 99US-00005190.
PR 12-MAR-1999; 99US-0123957P.
PR 21-APR-1999; 99US-0126773P.
PR 21-APR-1999; 99US-0130232P.
PR 26-APR-1999; 99US-0131022P.
PR 28-APR-1999; 99US-0131445P.
PR 14-MAY-1999; 99US-0134287P.
PR 14-MAY-1999; 99US-0134287P.
PR 02-JUN-1999; 99US-0107733.
PR 16-JUN-1999; 99US-012252.
PR 23-JUN-1999; 99US-0141037P.
PR 07-JUL-1999; 99US-0142680P.
PR 26-JUL-1999; 99US-0145698P.
PR 28-JUL-1999; 99US-0146222P.
PR 29-OCT-1999; 99US-0162506P.
PR 30-NOV-1999; 99US-028313.
PR 02-DEC-1999; 99US-0285651.
PR 02-DEC-1999; 99US-0285651.
PR 16-DEC-1999; 99US-0300095.
PR 30-DEC-1999; 99US-0301243.
PR 30-DEC-1999; 99US-0301243.
PR 05-JAN-2000; 2000US-000219.
PR 06-JAN-2000; 2000US-000277.
PR 06-JAN-2000; 2000US-000376.
PR 11-FEB-2000; 2000US-0003565.
PR 18-FEB-2000; 2000US-0004341.
PR 24-FEB-2000; 2000US-0005004.
PR 02-MAR-2000; 2000US-0005841.
PR 10-MAR-2000; 2000US-0006319.
PR 21-MAR-2000; 2000US-0007532.
PR 30-MAR-2000; 2000US-0008439.
PR 17-MAY-2000; 2000US-0013705.
PR 22-MAY-2000; 2000US-0014042.
PR 30-MAY-2000; 2000US-0014941.
PR 02-JUN-2000; 2000US-0015264.
PR 28-JUL-2000; 2000US-0020710.
PR 24-AUG-2000; 2000US-0023328.
PR 01-DEC-2000; 2000US-0032678.
PR 20-DEC-2000; 2000US-0034956.
PR 28-FEB-2001; 2001US-0006520.
PR 22-MAR-2001; 2001US-0009552.
PR 25-MAY-2001; 2001US-0017092.
PR 01-JUN-2001; 2001US-0017800.
PR 20-JUN-2001; 2001US-0019692.
PR 29-JUN-2001; 2001US-0021066.
PR 09-JUL-2001; 2001US-0021735.
PR 30-JUL-2001; 2001US-00918585.
XX
PA (ASHK/) ASHKENAZI A J.
PA (BAKE/) BAKER K P.
PA (BOTS/) BOTSTEIN D.
PA (DESN/) DESNOYERS L.
PA (BATO/) BATON D L.
PA (FERB/) FERRARA N.
PA (FILV/) FILVAROFF E.
PA (FONG/) FONG S.
PA (GAOW/) GAO W.
PA (GERB/) GERBER H.
PA (GERR/) GERRITSEN M E.
PA (GODD/) GODDARD A.
PA (GODO/) GODOWSKI P J.
PA (GIRM/) GIRWALDI J C.

PA (GURN/) GURNEY A L.
PA (HILL/) HILLAN K J.
PA (KLJAV/) KLJAVIN I J.
PA (KUOS/) KUO S S.
PA (NAPI/) NAPIER M A.
PA (PANJ/) PAN J.
PA (PAON/) PAONI N F.
PA (ROYM/) ROY M A.
PA (SHEL/) SHELTON D L.
PA (STEW/) STEWART T A.
PA (TUNA/) TUNAS D.
PA (WILL/) WILLIAMS P M.
PA (WOOD/) WOOD W I.
XX

Query Match 99.7%; Score 2253; DB 10; Length 2260;

Best Local Similarity 100.0%; Pred. No. 0;

Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGGCTGGGTGCGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGAGGAGGCGGCG 60

DB 1 CGGACGGCTGGGTGCGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGAGGAGGCGGCG 60

QY 61 GCTTAGCTGTACGGGTCCGGCGGCGCCCTCCGAGGGGGCTCAGGAGGAGGAGGA 120

DB 61 GCTTAGCTGTACGGGTCCGGCGGCGCCCTCCGAGGGGGCTCAGGAGGAGGAGGA 120

QY 121 GGACCCGTGCGAGAAATGCTCTGCGCTGGAGCCTTGGCTCCCGCTGCTCTCTCTGG 180

DB 121 GGACCCGTGCGAGAAATGCTCTGCGCTGGAGCCTTGGCTCCCGCTGCTCTCTCTGG 180

QY 181 TGGCAGGTGGTTTCGGGAAACCGGCGGAGTGCAGGAGTACAGGGTGTAGGATCGGCAC 240

DB 181 TGGCAGGTGGTTTCGGGAAACCGGCGGAGTGCAGGAGTACAGGGTGTAGGATCGGCAC 240

QY 241 GTGAGCTGGGGTCTGTCACTATGGAATCTAACTGGCTCTCTCTCTCTCTCTCTCTCTCT 300

DB 241 GTGAGCTGGGGTCTGTCACTATGGAATCTAACTGGCTCTCTCTCTCTCTCTCTCTCTCT 300

QY 301 ACAGCAGGAGTCTGTGAAGTACATGCGAATCTGGAATCTGATGTTGTTGTTGTTGTTGTTG 360

DB 301 ACAGCAGGAGTCTGTGAAGTACATGCGAATCTGGAATCTGATGTTGTTGTTGTTGTTGTTG 360

QY 361 GACCAACAAATGCGAGTCTTTCAGGATACACCGGGAACCTGCGAGTCAAGATGTGA 420

DB 361 GACCAACAAATGCGAGTCTTTCAGGATACACCGGGAACCTGCGAGTCAAGATGTGA 420

QY 421 ATGAGTGTGGAATGAAACCCCGGCGATGCCACACAGATGTGGAATACACAGGAGCT 480

DB 421 ATGAGTGTGGAATGAAACCCCGGCGATGCCACACAGATGTGGAATACACAGGAGCT 480

QY 481 ACAAGTGTGTTTGGCTCAGTGGCCACATGCTCATGCCAGATGCTTACGTGTGAATCTTA 540

DB 481 ACAAGTGTGTTTGGCTCAGTGGCCACATGCTCATGCCAGATGCTTACGTGTGAATCTTA 540

QY 541 GGACATGTGCCATGATAAATCTGTGAGTGTGGAAGACACAGGAGAGGCGGCGAGT 600

DB 541 GGACATGTGCCATGATAAATCTGTGAGTGTGGAAGACACAGGAGAGGCGGCGAGT 600

QY 601 GCCTGTGCTCCATCTCTCAGGAGTCCGCGCTGGCCCAATGGAAGAGACTGTCTAGATATTG 660

DB 601 GCCTGTGCTCCATCTCTCAGGAGTCCGCGCTGGCCCAATGGAAGAGACTGTCTAGATATTG 660

QY 661 ATGAATGTGCTCTGGTAAAGTCAATCTGTCTCCCTCAATCGAAGATGTGTGAACACATTG 720

DB 661 ATGAATGTGCTCTGGTAAAGTCAATCTGTCTCCCTCAATCGAAGATGTGTGTGAACACATTG 720

QY 721 GAAGCTACTCTGCAAAATGTCACATTTGTTTGGAACTGCAATATATCAGTGGAGCATATG 780

DB 721 GAAGCTACTCTGCAAAATGTCACATTTGTTTGGAACTGCAATATATCAGTGGAGCATATG 780

QY 781 ACTGTATAGATATAAATGAATGTACTATGATGATGATGATGATGATGATGATGATGATGAT 840

DB 781 ACTGTATAGATATAAATGAATGTACTATGATGATGATGATGATGATGATGATGATGATGAT 840

Db 781 ACTGATATAGATATAAATGAATGTACTATGAGATAGCCATACGTCAGCCACCATGCCAAATT 840
Qy 841 GCTTCAATACCCAGGGTCCCTTCAAGTGTAAATCAAGCAGGAGATATAAAGGCAATGGAC 900
Db 841 GCTTCAATACCCAGGGTCCCTTCAAGTGTAAATCAAGCAGGAGATATAAAGGCAATGGAC 900
Qy 901 TTCGGTGTTCCTGCTATCCCTGAAATTTCTGTGAAGGAAGTCTCAGAGCACCTGTTACCA 960
Db 901 TTCGGTGTTCCTGCTATCCCTGAAATTTCTGTGAAGGAAGTCTCAGAGCACCTGTTACCA 960
Qy 961 TCAAGACAGAGATCAAGAGTTGCTTGTCTACAAAACAGCATGAAAAAGAGGCAAAAA 1020
Db 961 TCAAGACAGAGATCAAGAGTTGCTTGTCTACAAAACAGCATGAAAAAGAGGCAAAAA 1020
Qy 1021 TTAATAATGTTACCCAGAAACCCACAGAGCTCTACCCCTTAAGGTGAATCTTCAGGCCCT 1080
Db 1021 TTAATAATGTTACCCAGAAACCCACAGAGCTCTACCCCTTAAGGTGAATCTTCAGGCCCT 1080
Qy 1081 TCAACTATCAAGAGATAGTTTCCAGAGGGGAACTCTCATGGAGGTAAAAAGGGAATG 1140
Db 1081 TCAACTATCAAGAGATAGTTTCCAGAGGGGAACTCTCATGGAGGTAAAAAGGGAATG 1140
Qy 1141 AAGAGAAATGAAGAGGGGCTTGAGGATGAGAAAGAGAGAGAAAGCCCTGAAGAATGA 1200
Db 1141 AAGAGAAATGAAGAGGGGCTTGAGGATGAGAAAGAGAGAGAAAGCCCTGAAGAATGA 1200
Qy 1201 CATAGAGGAGCAAGCCTCGGAGGAGATGTGTTTTCCCTAAGGTGAATGAAGCAGCTGA 1260
Db 1201 CATAGAGGAGCAAGCCTCGGAGGAGATGTGTTTTCCCTAAGGTGAATGAAGCAGCTGA 1260
Qy 1261 ATTGGCCCTGATCTGGTCCAAAGGAAGCGCTAATCTTCCAAACTGGAACATAAAGATTT 1320
Db 1261 ATTGGCCCTGATCTGGTCCAAAGGAAGCGCTAATCTTCCAAACTGGAACATAAAGATTT 1320
Qy 1321 AATATCTGGTGTGACTGAGCTCAATCATCGGATCTGTGACTGGAACAGGATAGAGA 1380
Db 1321 AATATCTGGTGTGACTGAGCTCAATCATCGGATCTGTGACTGGAACAGGATAGAGA 1380
Qy 1381 AGATGATTTTGAAGTGAATCTCTGATCGAGATATGCTATGCTTCTATATGGCAGT 1440
Db 1381 AGATGATTTTGAAGTGAATCTCTGATCGAGATATGCTATGCTTCTATATGGCAGT 1440
Qy 1441 TCCGGCTTGGCAGGTCAAGAAAGACATTCGCGATTGAACTTCTCTACCTGACCT 1500
Db 1441 TCCGGCTTGGCAGGTCAAGAAAGACATTCGCGATTGAACTTCTCTACCTGACCT 1500
Qy 1501 GCAACCCCAAGCAACTTCTGTTGCTTCTGATACCGCTGGCCGAGACAAAGTCGG 1560
Db 1501 GCAACCCCAAGCAACTTCTGTTGCTTCTGATACCGCTGGCCGAGACAAAGTCGG 1560
Qy 1561 GAACTTCGAGTGTGTGAAAAACAGTAACTATGCTGCTGGCATGGGAGACACCGAG 1620
Db 1561 GAACTTCGAGTGTGTGAAAAACAGTAACTATGCTGCTGGCATGGGAGACACCGAG 1620
Qy 1621 TGAGATGAAAAGTGAAGACAGGAAAAATTCAGTTGTATCAAGGAACCTGATCTACCAA 1680
Db 1621 TGAGATGAAAAGTGAAGACAGGAAAAATTCAGTTGTATCAAGGAACCTGATCTACCAA 1680
Qy 1681 AAGCATCAATTTTGAAGCAGAACTGGCAGGCAAAACCGGGAATTCGAGTGGATGG 1740
Db 1681 AAGCATCAATTTTGAAGCAGAACTGGCAGGCAAAACCGGGAATTCGAGTGGATGG 1740
Qy 1741 CGTCTGCTGTTTTCAGGCTTATGTCAGATAGCCCTTTTATCTGTGATGACTGAATGT 1800
Db 1741 CGTCTGCTGTTTTCAGGCTTATGTCAGATAGCCCTTTTATCTGTGATGACTGAATGT 1800
Qy 1801 ACTATCTTTATATTTGATCTTTGATGTCAGTTCCTGCTTTTTCATATTCATCATAG 1860
Db 1801 ACTATCTTTATATTTGATCTTTGATGTCAGTTCCTGCTTTTTCATATTCATCATAG 1860
Qy 1861 GACCTCTGGCAATTTTGAATTTACTAGCTGAAAAATTTGTAATGTACCAACAGAAATATTAT 1920
Db 1861 GACCTCTGGCAATTTTGAATTTACTAGCTGAAAAATTTGTAATGTACCAACAGAAATATTAT 1920

Qy 1921 TGTAAGATGCCCTTCTTGATATAGATATGCCAATATTTGCTTTAAATATCATATCACCTGT 1980
Db 1921 TGTAAGATGCCCTTCTTGATATAGATATGCCAATATTTGCTTTAAATATCATATCACCTGT 1980
Qy 1981 ATCTTCTCAGTCATTTCTGAATCTTTCCNCAITATATTAATAANTTGAANGTCAGTT 2040
Db 1981 ATCTTCTCAGTCATTTCTGAATCTTTCCNCAITATATTAATAANTTGAANGTCAGTT 2040
Qy 2041 TATCTCCCTCCCTCCTGATATCTGATTTGTATANGTANGTGTGATGCTCTCTACAA 2100
Db 2041 TATCTCCCTCCCTCCTGATATCTGATTTGTATANGTANGTGTGATGCTCTCTACAA 2100
Qy 2101 CATTTCTAGAAAATAGAAAAAAGACACAGAGAAATGTTTAACTGTTTGACCTTTATGAT 2160
Db 2101 CATTTCTAGAAAATAGAAAAAAGACACAGAGAAATGTTTAACTGTTTGACCTTTATGAT 2160
Qy 2161 ACTTCTTGGAAAACATATGACATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGCTCT 2220
Db 2161 ACTTCTTGGAAAACATATGACATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGCTCT 2220
Qy 2221 TCATAGCCAAACTTGTATATTTAATCTTTTGTAAATAATA 2260
Db 2221 TCATAGCCAAACTTGTATATTTAATCTTTTGTAAATAATA 2260

RESULT 35
ABT07743
ID ABT07743 standard; DNA; 2398 BP.
XX AC ABT07743;
XX DT 14-NOV-2002 (first entry)
XX DE Breast cancer-associated gene sequence 51.
XX KW Gene; db: breast cancer; breast cancer-associated gene sequence;
XX KW drug development; pharmacogenetics; biosensor development.
XX OS Unidentified.
XX PN WO200259377-A2.
XX PD 01-AUG-2002.
XX PF 24-JAN-2002; 2002WO-US002242.
XX PR 24-JAN-2001; 2001US-0263965P.
XX PR 02-FEB-2001; 2001US-0265928P.
XX PR 09-APR-2001; 2001US-00829472.
XX PR 09-APR-2001; 2001US-0282698P.
XX PR 04-MAY-2001; 2001US-0288590P.
XX PR 29-MAY-2001; 2001US-0294443P.
XX PA (SOSB-) EOS BIOTECHNOLOGY INC.
XX PI Mack DH, Gish KC, Afar D;
XX PI N-PSDB; ABJ05586.
XX DR WPI; 2002-583738/62.
XX DR N-PSDB; ABJ05586.
XX PT Detecting a breast cancer-associated transcript in a patient's cell,
XX PT useful for diagnosing breast cancer, comprises contacting a biological
XX PT sample with a polynucleotide that selectively hybridizes with breast
XX PT cancer nucleic acids.
XX PS Claim 9; Page 393; 414pp; English.
XX CC The invention comprises a method of detecting a breast cancer-associated
XX CC transcript in a cell from a patient. The method of the invention involves
XX CC contacting a biological sample from the patient with a nucleotide that
XX CC hybridizes to one of the 69 breast cancer-associated gene sequences shown
XX CC in the specification. The method of the invention is useful in the

CC diagnosis or prognosis of breast cancer, and for detecting genes that are
CC up or down-regulated in breast cancer cells. Genes identified by the
CC method of the invention can be used in diagnostic purposes and also as
CC targets for screening for therapeutic compounds that modulate breast
CC cancer (e.g. hormones or antibodies). Identification of genes that are
CC over or under expressed in breast cancer can additionally provide high-
CC resolution, high-sensitivity datasets which can be used in the areas of
CC diagnostics, therapeutics, drug development, pharmacogenetics, protein
CC structure and biosensor development. DNA sequences AB107693 - AB107761
CC represent the 69 breast cancer-associated gene sequences of the invention
XX

XX
SQ Sequence 2398 BP; 705 A; 514 C; 597 G; 582 T; 0 U; 0 Other;

Query Match 98.2%; Score 2219.2; DB 6; Length 2398;
Best Local Similarity 99.5%; Pred. No. 0;
Matches 2243; Conservative 0; Mismatches 10; Indels 2; Gaps 2;
QY 8 GTGGGTCCGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGGAGGAGCGGCGGTAGC 67
DB 114 GTAACGCGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGGAGGAGCGGCGGTAGC 173
QY 68 TGCTACGGGGTCCGGCCGGCGGCTCCGAGGGGGCTCAGGAGGAGGAGGAGCCG 127
DB 174 TGCTACGGGGTCCGGCCGGCGGCTCCGAGGGGGCTCAGGAGGAGGAGGAGCCG 233
QY 128 TGCAGAGATGCTCTGCGCTGGAGCCTTGCGCTCCGCTGCTCTCTCTGCGTGGCAGG 187
DB 234 TGCAGAGATGCTCTGCGCTGGAGCCTTGCGCTCCGCTGCTCTCTCTGCGTGGCAGG 293
QY 188 TGGTTTCGGGAAACCGGCGCAGTGAGGAGGATCAGGGTGTAGCATCGGCGTCAAGCC 247
DB 294 TGGTTTCGGGAAACCGGCGCAGTGAGGAGGATCAGGGTGTAGCATCGGCGTCAAGCC 353
QY 248 TGGGGTCTGTCACTATGGAACCTAACTGGGCTGCTGCTACGGCTGGAGAGGAAACAGCAA 307
DB 354 TGGGGTCTGTCACTATGGAACCTAACTGGGCTGCTGCTACGGCTGGAGAGGAAACAGCAA 413
QY 308 GGGAGTCTGTGAAGCTACATCGGAACCTGGATGAAGTTGGTGAAGTGGTGGGACCAA 367
DB 414 GGGAGTCTGTGAAGCTACATCGGAACCTGGATGAAGTTGGTGAAGTGGTGGGACCAA 473
QY 368 CAAATGCAAGTGTCTTCCAGGATACCGGAAACCTGCGAGTCAAGATGTGAATGAGTG 427
DB 474 CAAATGCAAGTGTCTTCCAGGATACCGGAAACCTGCGAGTCAAGATGTGAATGAGTG 533
QY 428 TGGAAATGAACCCCGGCCATCCCAACACAGATGTGTGAATACACACGGAAGCTACAAGTG 487
DB 534 TGGAAATGAACCCCGGCCATCCCAACACAGATGTGTGAATACACACGGAAGCTACAAGTG 593
QY 488 CTTTGTGCTCAGTGGCCATGCTCATGCCAGATGCTACGTTGTGAACCTTAGGACATG 547
DB 594 CTTTGTGCTCAGTGGCCATGCTCATGCCAGATGCTACGTTGTGAACCTTAGGACATG 653
QY 548 TGCCATGATAAAGTCTCAGTACAGCTGTGAAGACACAGAGAGAGGGCCACAGTGCCTGTG 607
DB 654 TGCCATGATAAAGTCTCAGTACAGCTGTGAAGACACAGAGAGAGGGCCACAGTGCCTGTG 713
QY 608 TCCATCTCAGAGCTCCGCTGGCCCAATGGAAGAGAGCTGTCTAGATTTGATGATG 667
DB 714 TCCATCTCAGAGCTCCGCTGGCCCAATGGAAGAGAGCTGTCTAGATTTGATGATG 773
QY 668 TGCCCTCTGTAAAGTCACTGTGCTCCCTCAATCGAAGATGTGTGAACACATTTGGAAGCTA 727
DB 774 TGCCCTCTGTAAAGTCACTGTGCTCCCTCAATCGAAGATGTGTGAACACATTTGGAAGCTA 833
QY 728 CTACTGCAAAATGTCACTTGGTTTGGAACTATATCAGTGGAGATGATGCTGAT 787
DB 834 CTACTGCAAAATGTCACTTGGTTTGGAACTATATCAGTGGAGATGATGCTGAT 893
QY 788 AGATATTAATGAATGATCTATGATAGCAGTACGTCAGCCACCATGCAATGCTTCAA 847
DB 894 AGATATTAATGAATGATCTATGATAGCAGTACGTCAGCCACCATGCAATGCTTCAA 953

QY 848 TACCAGAGGTCTCTCAAGTGTAAATGCAAGCGGATATAAAGCAATGACCTTCGGTG 907
DB 954 TACCAGAGGTCTCTCAAGTGTAAATGCAAGCGGATATAAAGCAATGACCTTCGGTG 1013
QY 908 TTCTGCTATCCCTGAAAAATTCGTGAAGAGAGTCTCTCAGAGACCTGTGACATCAAGA 967
DB 1014 TTCTGCTATCCCTGAAAAATTCGTGAAGAGAGTCTCTCAGAGACCTGTGACATCAAGA 1073
QY 968 CAGATCAAGAGTGTCTTGTCTCAGAAAAACAGATGAAAAAGAGGCAAAATTAATAA 1027
DB 1074 CAGATCAAGAGTGTCTTGTCTCAGAAAAACAGATGAAAAAGAGGCAAAATTAATAA 1133
QY 1028 TGTATCCCCAGAACCCACAGGACTCTTACCCCTAAGGTGAATCTGACGCCCTTCAACTA 1087
DB 1134 TGTATCCCCAGAACCCACAGGACTCTTACCCCTAAGGTGAATCTGACGCCCTTCAACTA 1193
QY 1088 TGAAGAGATAGTTTCCAGAGGGGGGACTCTCATGAGGTAAAAAGGGAATGAAGAG-A 1146
DB 1194 TGAAGAGATAGTTTCCAGAGGGGGGACTCTCATGAGGTAAAAAGGGAATGAAGAGAA 1253
QY 1147 AATGAAAGAGGGGCTTTGAGGATGAGAAAGAGAGAAAGCCCTGAAAGAAATGAATAGA 1206
DB 1254 AATGAAAGAGGGGCTTTGAGGATGAGAAAGAGAGAAAGCCCTGAAAGAAATGAATAGA 1313
QY 1207 GAGCGAGAGCCTCGAGGAGATGTGTTTTTCCCTAAGGTGAATGAGCAGGTGAATTCGG 1266
DB 1314 GAGCGAGAGCCTCGAGGAGATGTGTTTTTCCCTAAGGTGAATGAGCAGGTGAATTCGG 1373
QY 1267 CCTGATTTCTGCTCCAAAGGAAAGCGCTAACTTCCAAACTGGAAACATAAAGATTTAAATAT 1326
DB 1374 CCTGATTTCTGCTCCAAAGGAAAGCGCTAACTTCCAAACTGGAAACATAAAGATTTAAATAT 1433
QY 1327 CTCGGTTGACTCGAGCTCAATCAATGAGATCTGTGACTGGAACAGGATGAGAGAGATGA 1386
DB 1434 CTCGGTTGACTCGAGCTCAATCAATGAGATCTGTGACTGGAACAGGATGAGAGAGATGA 1493
QY 1387 TTTTGAAGTGAATCTCTGCTGATCGAGATTAATGCTATTGGCTTCTATATGCGAGTTCCGGC 1446
DB 1494 TTTTGAAGTGAATCTCTGCTGATCGAGATTAATGCTATTGGCTTCTATATGCGAGTTCCGGC 1553
QY 1447 CTTGGCAGGTCAACAGAAAGACATTTGGCGGATTTGAAACTTCTCTTACCTGACCTGCAACC 1506
DB 1554 CTTGGCAGGTCAACAGAAAGACATTTGGCGGATTTGAAACTTCTCTTACCTGACCTGCAACC 1613
QY 1507 CCAAGCAACTTCTGTTGCTCTTTCATTACCGGCTGGCGGAGACAAAGTCCGGGAACT 1566
DB 1614 CCAAGCAACTTCTGTTGCTCTTTCATTACCGGCTGGCGGAGACAAAGTCCGGGAACT 1673
QY 1567 TCGAGTGTGTTGTGAAAAACAGTAACTGCTTTCATTACCGGCTGGCGGAGACCAACGAGTGAGGA 1626
DB 1674 TCGAGTGTGTTGTGAAAAACAGTAACTGCTTTCATTACCGGCTGGCGGAGACCAACGAGTGAGGA 1733
QY 1627 TGAAGTGGAGAGCAGGGAAATTCAGTTGTATCAAGGAACCTGATGCTACCAAAAGCAT 1686
DB 1734 TGAAGTGGAGAGCAGGGAAATTCAGTTGTATCAAGGAACCTGATGCTACCAAAAGCAT 1793
QY 1687 CATTTTGAAGCAGAACGCTGGCAAGGCGGCAAAACCGCGGAAATCGCAGTGGATGGCGCTCTT 1746
DB 1794 CATTTTGAAGCAGAACGCTGGCAAGGCGGCAAAACCGCGGAAATCGCAGTGGATGGCGCTCTT 1853
QY 1747 GCTTGTGTTTCAAGCTTATGTCAGATGCTCTTTCATTACCGGCTGGCGGAGATGCTGATGCTATC 1806
DB 1854 GCTTGTGTTTCAAGCTTATGTCAGATGCTCTTTCATTACCGGCTGGCGGAGATGCTGATGCTATC 1913
QY 1807 TTTTATTTTGAATTTGATGTCAGTTCCTCTGGTTTTTTTTTGTATTTGATATTCATCAGGACCTC 1866
DB 1914 TTTTATTTTGAATTTGATGTCAGTTCCTCTGGTTTTTTTTTGTATTTGATATTCATCAGGACCTC 1973
QY 1867 TGGCAATTTTGAATTTTACTAGCTGAAATTTGTAATGTACCAACAGAAATATTTATTTGAAG 1926
DB 1974 TGGCAATTTTGAATTTTACTAGCTGAAATTTGTAATGTACCAACAGAAATATTTATTTGAAG 2033
QY 1927 ATGCGCTTTCTTGTATAGATATGCCAATATTTGCTTTAAATATATCATATCATCTGATCTTTC 1986

1014 TTTCTGCTATCCCTGAAATTTCTGTGAAGAAAGTCTCTCAGAGCCTCTGTATCCATCAAGA 1073
968 CAGAAATCAAGAGTGTCTGTCTCAAAAACAGCATGAAAGAGAGCCAAAATTTAAAA 1027
1074 CAGAAATCAAGAGTGTCTGTCTCAAAAACAGCATGAAAGAGAGCCAAAATTTAAAA 1133
1028 TGTATACCCAGAACCCACAGAGTCTCTACCCCTAAGGTGAATCTGAGCCCTTCAACTA 1087
1134 TGTATACCCAGAACCCACAGAGTCTCTACCCCTAAGGTGAATCTGAGCCCTTCAACTA 1193
1088 TGAAGAGATAGTTTTCAGAGGCGGGAATCTCTCATGGAGGTAAAAAAGGGGAATGAAGAG-A 1146
1194 TGAAGAGATAGTTTTCAGAGGCGGGAATCTCTCATGGAGGTAAAAAAGGGGAATGAAGAGAA 1253
1147 AATGAAGAGGGGCTTGAGATGAGAAAGAGAGAGAGAGCCCTGAGAGATGACATAGA 1206
1254 AATGAAGAGGGGCTTGAGATGAGAAAGAGAGAGAGAGCCCTGAGAGATGACATAGA 1313
1207 GGAGCGAAGCCCTGCGAGGAGATGTGTTTTTCCCTAAGGTGAATGAAGCAGGTGAATTCGG 1266
1314 GGAGCGAAGCCCTGCGAGGAGATGTGTTTTTCCCTAAGGTGAATGAAGCAGGTGAATTCGG 1373
1267 CTTGATTTCTGCTCAAAGGAAGGCTTAATCTTCAAAGTGAATGAATGAATTAATAT 1326
1374 CTTGATTTCTGCTCAAAGGAAGGCTTAATCTTCAAAGTGAATGAATGAATTAATAT 1433
1327 CTCGGTTGACTGACGCTTCAATCATGGATCTGTGACTGGAACAGAGATGAGAAGATGA 1386
1434 CTCGGTTGACTGACGCTTCAATCATGGATCTGTGACTGGAACAGAGATGAGAAGATGA 1493
1387 TTTTGAATGGAATCTGCTGATCGAGATAATGCTATTGGCTTCTATATGAGAGTTCGGC 1446
1494 TTTTGAATGGAATCTGCTGATCGAGATAATGCTATTGGCTTCTATATGAGAGTTCGGC 1553
1447 CTTGCGAGTCAAGAGAGAGCATTTGGCGGATTTGAATCTTCTGCTGCTGACCTGCAACC 1506
1554 CTTGCGAGTCAAGAGAGAGCATTTGGCGGATTTGAATCTTCTGCTGCTGACCTGCAACC 1613
1507 CAAAGCAACTTCTGTTGCTTTTGATATCCGCTGCGCGAGACAAAGTTCGGGAACT 1566
1614 CAAAGCAACTTCTGTTGCTTTTGATATCCGCTGCGCGAGACAAAGTTCGGGAACT 1673
1567 TCGAGTGTGTTGAAAGACAGTACAAATGCTGCGATGGGAGAGACCAAGTTCGAGGA 1626
1674 TCGAGTGTGTTGAAAGACAGTACAAATGCTGCGATGGGAGAGACCAAGTTCGAGGA 1733
1627 TGAAGAGTGAAGACAGGGAATTCAGTTGTATCAAGGAATGATGCTACCAAAAGCAT 1686
1734 TGAAGAGTGAAGACAGGGAATTCAGTTGTATCAAGGAATGATGCTACCAAAAGCAT 1793
1687 CATTTTGAAGCAGAACGTTGCGAGGCGAAACCGGCGAATCGCAGTGGATGCGCTTT 1746
1794 CATTTTGAAGCAGAACGTTGCGAGGCGAAACCGGCGAATCGCAGTGGATGCGCTTT 1853
1747 GCTTGTTCAGGCTTATGTCAGATAGCTTTTATCTGTGATGACTGAATGTTTACTATC 1806
1854 GCTTGTTCAGGCTTATGTCAGATAGCTTTTATCTGTGATGACTGAATGTTTACTATC 1913
1807 TTTATATTCAGCTTGTATGTCAGTCCCTGCTTTTGTATGATGATGATGATGATGATGAT 1866
1914 TTTATATTCAGCTTGTATGTCAGTCCCTGCTTTTGTATGATGATGATGATGATGATGAT 1973
1867 TGGCATTTTGAAGTACTAGCTGAAAAATTTGATGATGATGATGATGATGATGATGATGATGAT 1926
1974 TGGCATTTTGAAGTACTAGCTGAAAAATTTGATGATGATGATGATGATGATGATGATGATGAT 2033
1927 ATGCTTCTTGTATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1986
2034 ATGCTTCTTGTATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 2093
1987 TCAGTCAATTTCTGATTTCTCNCATTTATTTATTAATTTGAAAGTTCAGTTTATCTC 2046

2094 TCAGTCATTTCTGAATCTTCCACATATATATATATAAATATGGAATGTCAGTTTATCTC 2153
2047 CCTCTCTCNGTATATCTGATTTGTATATANGTATGATNGCTTCTCTACACATTTTC 2106
2154 CCTCTCTCAGTATATCTGATTTGTATATAGTAAGTTCATGAGCTTCTCTACACATTTTC 2213
2107 TAGAAAAATAGAAAAAAGCAGAGAGAAATGTTTAACTGTTTGAATCTTTATGATATCTCT 2166
2214 TAGAAAAATAGAAAAAAGCAGAGAGAAATGTTTAACTGTTTGAATCTTTATGATATCTCT 2273
2167 TGGAAATCTGACATCAAAAGATAGATTTTTCCTAAAGTTCAGTTCAGTTCAGTTCAGTTCAG 2226
2274 TGGAAATCTGACATCAAAAGATAGATTTTTCCTAAAGTTCAGTTCAGTTCAGTTCAGTTCAG 2333
2227 CCAAACTTGTATATTTT-AAATCTTTGTAATAATAA 2260
2334 CCAAACTTGTATATTTAAATCTTTGTAATAATAA 2368

RESULT 37
ABX76454
ID ABX76454 standard; DNA; 2398 BP.
XX ABX76454;
AC ABX76454;
XX
DT 02-APR-2003 (first entry)
XX Lung cancer-associated polynucleotide #318.
DE
XX Lung cancer-associated polynucleotide; gene; ds; cytostatic; emphysema;
XX antiinflammatory; antiasthmatic; non-small cell lung cancer; atelectasis;
XX small cell lung cancer; benign lesion; precancerous lesion; bronchitis;
XX chronic obstructive pulmonary disease; hypersensitivity pneumonitis;
XX interstitial pulmonary fibrosis; fibrosis; asthma; bronchiectasis.
XX
OS Unidentified.
XX
XX WO200286443-A2.
XX
PD 31-OCT-2002.
XX
XX 18-APR-2002; 2002WO-US012476.
XX
XX 18-APR-2001; 2001US-0284770P.
XX 10-MAY-2001; 2001US-0290492P.
XX 09-NOV-2001; 2001US-0339245P.
XX 13-NOV-2001; 2001US-0350666P.
XX 29-NOV-2001; 2001US-0334370P.
XX 12-APR-2002; 2002US-0372246P.
XX (EOSB-) EOS BIOTECHNOLOGY INC.
XX
XX Aziz N, Murray R;
XX
XX WPI; 2003-093161/08.
XX P-PSDB; ABUS6725.
XX
XX Detecting a lung cancer-associated transcript in a cell from a patient
XX for treating lung cancer, by contacting a biological sample from the
XX patient with a polynucleotide that exhibits increased or decreased
XX expression in lung cancer.
XX
XX Claim 22; Page 434-435; 453pp; English.
XX
XX The invention relates to a method for detecting a lung cancer-associated
XX transcript in a cell from a patient, comprising contacting a biological
XX sample from the patient with a polynucleotide that selectively hybridizes
XX to a sequence that is at least 80 % identical to a gene that exhibits
XX increased or decreased expression in lung cancer samples. Lung cancer-
XX associated polynucleotides and polypeptides are used for identifying a
XX compound that modulates a lung cancer-associated polypeptide, for
XX inhibiting proliferation of a lung cancer-associated cell to treat lung
XX cancer in a patient and for treating a mammal having lung cancer by

QY 848 TACCAAGGTCCTTCAAGTGTAAATGCAACAGGAGATATATAGGCAATGCACTCGGTG 907
DB 954 TACCAAGGTCCTTCAAGTGTAAATGCAACAGGAGATATATAGGCAATGCACTCGGTG 1013
QY 908 TTCTCTATCCCTGAAATTTCTGTAAGGAAGTCTCTCAGAGCACCTGGTACCAATCAAGA 967
DB 1014 TTCTCTATCCCTGAAATTTCTGTAAGGAAGTCTCTCAGAGCACCTGGTACCAATCAAGA 1073
QY 968 CAGAAATCAAGAAAGTTGCTGTCTACAAAACAGCATGAAAAGAGGCAAAAATTAABA 1027
DB 1074 CAGAAATCAAGAAAGTTGCTGTCTACAAAACAGCATGAAAAGAGGCAAAAATTAABA 1133
QY 1028 TGTATACCCAGAACCCACAGAGCTCCCTACCCCTAAAGTGAACCTTCAGAGCCCTTCAACTA 1087
DB 1134 TGTATACCCAGAACCCACAGAGCTCCCTACCCCTAAAGTGAACCTTCAGAGCCCTTCAACTA 1193
QY 1088 TGAAGAGATAGTTTCAGAGGCGGAATCTCTCATGGAGGTAAAGGGAATGAAGAG-A 1146
DB 1194 TGAAGAGATAGTTTCAGAGGCGGAATCTCTCATGGAGGTAAAGGGAATGAAGAGAA 1253
QY 1147 AATGAAGAGGGGCTTGAGGATGAGAAAGAGAGAGAACCCCTGAAGATGACATAGA 1206
DB 1254 AATGAAGAGGGGCTTGAGGATGAGAAAGAGAGAGAACCCCTGAAGATGACATAGA 1313
QY 1207 GGAGCGAAGCCCTGCGAGGAGATGTCTTTTCCCTAAAGTGAATGAAGAGGTAAATTCGG 1266
DB 1314 GGAGCGAAGCCCTGCGAGGAGATGTCTTTTCCCTAAAGTGAATGAAGAGGTAAATTCGG 1373
QY 1267 CTTGATCTGTGTCGAAGGAGGCGCTAACTTCCAACTGGAACATAAAGATTAAATAT 1326
DB 1374 CTTGATCTGTGTCGAAGGAGGCGCTAACTTCCAACTGGAACATAAAGATTAAATAT 1433
QY 1327 CTTGGTGTACTGAGCTCAATCATGGGATCTGTGACTGGAACACAGGATAGAGATGA 1386
DB 1434 CTTGGTGTACTGAGCTCAATCATGGGATCTGTGACTGGAACACAGGATAGAGATGA 1493
QY 1387 TTTTGTACTGGAATCTGCTGATCGAGATAATGCTATGCTTCTATATGGCAGTTCGGCG 1446
DB 1494 TTTTGTACTGGAATCTGCTGATCGAGATAATGCTATGCTTCTATATGGCAGTTCGGCG 1553
QY 1447 CTTGGCAGGTCAAGAAAGACATTTGGCGATTTGAAACTTCTCTACCTGACCTGGAACC 1506
DB 1554 CTTGGCAGGTCAAGAAAGACATTTGGCGATTTGAAACTTCTCTACCTGACCTGGAACC 1613
QY 1507 CAAAGCAATCTGTTGCTCTTTGATTTACCGGTGCGCGGAGCAAGTCGGGAACCT 1566
DB 1614 CAAAGCAATCTGTTGCTCTTTGATTTACCGGTGCGCGGAGCAAGTCGGGAACCT 1673
QY 1567 TCGAGTGTGTTGTAAGAAACAGTAACAAATGCCCTGGCATGGGAGAGAACCCAGAGTGAGGA 1626
DB 1674 TCGAGTGTGTTGTAAGAAACAGTAACAAATGCCCTGGCATGGGAGAGAACCCAGAGTGAGGA 1733
QY 1627 TGAAGAGTGAAGACAGGGAATTTCACTGTGATCAGGAACTGATGCTACCAAGCAT 1686
DB 1734 TGAAGAGTGAAGACAGGGAATTTCACTGTGATCAGGAACTGATGCTACCAAGCAT 1793
QY 1687 CATTTTGAAGCAGAACCTGCGAAGGCGCAAAACCGGCGAAATCGCAGTGGATGGCGTCTT 1746
DB 1794 CATTTTGAAGCAGAACCTGCGAAGGCGCAAAACCGGCGAAATCGCAGTGGATGGCGTCTT 1853
QY 1747 GCTTGTTCAGGCTTATGTCCAGATAGCTTTTATCTGTGGATGACTGATGTTACTATC 1806
DB 1854 GCTTGTTCAGGCTTATGTCCAGATAGCTTTTATCTGTGGATGACTGATGTTACTATC 1913
QY 1807 TTTATATTTGACTTTGTATGTCAGTTCCTCTGTTTCTTTTGTATTTGATTCATPAGGACCTC 1866
DB 1914 TTTATATTTGACTTTGTATGTCAGTTCCTCTGTTTCTTTTGTATTTGATTCATPAGGACCTC 1973
QY 1867 TGGCAATTTAGAAATTAAGTGAAGAAATTTGTAATGTACCAACAGAAATTAATTTGTAAG 1926
DB 1974 TGGCAATTTAGAAATTAAGTGAAGAAATTTGTAATGTACCAACAGAAATTAATTTGTAAG 2033
QY 1927 ATGCTTTCTTGTATAGATATGCAATATTTGCTTTAAATATCATATCACGTATCTTTC 1986

DB 2034 ATGCCTTCTTGTATAGATATGCCAATATTTGCTTTAAATATCATATCACGTATCTTC 2093
QY 1987 TCAGTATTTCTGAATCTTCCNCAATATATATATAAATNTGAAANGTCAGTTTATCTC 2046
DB 2094 TCAGTATTTCTGAATCTTTCACATATATATATAAATNTGAAANGTCAGTTTATCTC 2153
QY 2047 CCCTCCCTCNGTATATCTGATTTGTATATAGTAACTTGTATAGAGCTTCTCTACACATTTT 2106
DB 2154 CCCTCCCTCAGTATATCTGATTTGTATATAGTAACTTGTATAGAGCTTCTCTACACATTTT 2213
QY 2107 TAGAAAATAGAAAAAAGACACAGAGAAATGTTAACTCTTTCAGCTCTTATGATATCTCT 2166
DB 2214 TAGAAAATAGAAAAAAGACACAGAGAAATGTTAACTCTTTCAGCTCTTATGATATCTCT 2273
QY 2167 TGGAAAATAGACATCAAGATAGACTTTTTCCTAAAGTGGCTTGTAGCTTCTTTCATAG 2226
DB 2274 TGGAAAATAGACATCAAGATAGACTTTTTCCTAAAGTGGCTTGTAGCTTCTTTCATAG 2333
QY 2227 CCAAACTTGTATATTT-AATCTTTGTATATAA 2260
DB 2334 CCAAACTTGTATATTTAAATTTCTTTGTATATAA 2368

RESULT 39
AAA47456
ID AAA47456 standard; cDNA; 2435 BP.
XX
AC AAA47456;
XX
DT 20-OCT-2000 (first entry)
XX
DE Human TANGO 212 coding sequence.
XX
KW TANGO; 128; 140; 197; 212; 213; 224; 239; modulating agent; asthma;
KW graft versus-host diseases; rheumatoid arthritis; psoriasis;
KW inflammatory bowel disease; septic shock; ulcerative colitis;
KW Crohn's disease; chronic myelogenous leukemia; cancer; liver disease;
KW Hodgkin's disease; osteoarthritis; Lyme's disease; cachexia;
KW autoimmune disease; myasthenia gravis; autoimmune diabetes;
KW systemic lupus erythematosus; transgenic animal; diagnosis; prognosis;
KW prophylactic; therapeutic; human; ds.
XX
OS Homo sapiens.
XX
FH Key Location/Qualifiers
FT 269..1930
FT /tag= a
FT /product= "TANGO 212"
XX
PN WO200039284-A1.
XX
PD 06-JUL-2000.
XX
PF 23-DEC-1999; 99WO-US031025.
XX
PR 30-DEC-1998; 98US-00223546.
XX
PA (MILL-) MILLENNIUM PHARM INC.
XX
PI Holtzman DA;
XX
DR WPI; 2000-465743/40.
XX
DR P-PSDB; AAB01423.
XX
PT Novel nucleic acid sequences encoding TANGO-128, 140, 197, 212, 213, 224
PT and 239 polypeptides useful for the treatment of asthma, rheumatoid
PT arthritis, psoriasis and autoimmune diseases.
XX
PS Claim 1; Fig 5; 209pp; English.
XX
CC Nucleic acids encoding TANGO polypeptides are useful as modulating agents
CC for regulating cellular processes like asthma, graft versus-host

CC Alzheimer's, Parkinson's disease, Huntington's disease, amyotrophic
CC lateral sclerosis, and Shy-Drager Syndrome. Other uses include the
CC utilisation of the activities such as: Immune system suppression,
CC Activin/inhibin activity, chemotactic/chemokinetic activity, haemostatic
CC and thrombolytic activity, cancer diagnosis and therapy, drug screening,
CC assays for receptor activity, arthritis and inflammation, leukaemias and
CC C.N.S disorders. Note: The sequence data for this patent did not form
CC part of the printed specification
XX

SQ Sequence 2413 BP; 704 A; 516 C; 601 G; 592 T; 0 U; 0 Other;

Query Match 97.6%; Score 2206.2; DB 4; Length 2413;
Best Local Similarity 99.3%; Pred. No. 0;
Matches 2243; Conservative 10; Mismatches 5; Gaps 3;

QY 8 GTGGGTGCGAGTGGAGCGGAGACCCGAGCGGCTGGAGGAGAGGAGCGCGGCTTAGC 67
DB 131 GTAACCTGGAGTGGAGCGGAGACCCGAGCGGCTGGAGGAGAGGAGCGCGGCTTAGC 190

QY 68 TGCATCGGGGTCGGCGCGGCTCCCGAGGGGGGCTCAGGAGGAGGAGGAGACCCG 127
DB 191 TGCATCGGGGTCGGCGCGGCTCCCGAGGGGGGCTCAGGAGGAGGAGGAGACCCG 250

QY 128 TCGGAGATGCTCTGCGGCTGGAGCGGCTTGGGCTCCGCTGCTGCTCTCTGCGGTGGCAGG 187
DB 251 TCGGAGATGCTCTGCGGCTGGAGCGGCTTGGGCTCCGCTGCTGCTCTCTGCGGTGGCAGG 310

QY 188 TGGTTTCGGGAACGGCGGCTGCAAGGATCATCGGGTGTGTAGCATCGGCAGCTCAGCC 247
DB 311 TGGTTTCGGGAACGGCGGCTGCAAGGATCATCGGGTGTGTAGCATCGGCAGCTCAGCC 370

QY 248 TGGGCTCTGCTACTATGGAATTAACCTGGCTGCTGCTACCGCTGGAGAGAAACAGCAA 307
DB 371 TGGGCTCTGCTACTATGGAATTAACCTGGCTGCTGCTACCGCTGGAGAGAAACAGCAA 430

QY 308 GGGAGTCTGAGTACATCGGACCTGGATGAAGTTGCTGAGTGGCGTGGGACCAA 367
DB 431 GGGAGTCTGAGTACATCGGACCTGGATGAAGTTGCTGAGTGGCGTGGGACCAA 490

QY 368 CAAATGCAGATGCTTTCAGGATACACCGGGGAAACCTGCGAGTCAAGATGGAATGATG 427
DB 491 CAAATGCAGATGCTTTCAGGATACACCGGGGAAACCTGCGAGTCAAGATGGAATGATG 550

QY 428 TGGAAATGAACCCGGCCATGCCACAGATGTGTGAATACACCGGAGCTACAGT 487
DB 551 TGGAAATGAACCCGGCCATGCCACAGATGTGTGAATACACCGGAGCTACAGT 610

QY 488 CTTTTGCCTCAGTGGCCACATGCTCATGCGAGATGCTACGTGTGTGAATCTAGGACATG 547
DB 611 CTTTTGCCTCAGTGGCCACATGCTCATGCGAGATGCTACGTGTGTGAATCTAGGACATG 670

QY 548 TGCATGATAAATGTCAGTACAGTGTGAACACAGAGAGGCGCCACAGTGCCTGTG 607
DB 671 TGCATGATAAATGTCAGTACAGTGTGAACACAGAGAGGCGCCACAGTGCCTGTG 730

QY 608 TCCATCTCAGGACTCGGCTGGCCCCAAATGGAAGAGACTGTCTAGATATTGATGAATG 667
DB 731 TCCATCTCAGGACTCGGCTGGCCCCAAATGGAAGAGACTGTCTAGATATTGATGAATG 790

QY 668 TGCTCTGTTAAAGTCACTGTGCTCCCTACATCGAGATGCTGACACATTTGGAAGCTA 727
DB 791 TGCTCTGTTAAAGTCACTGTGCTCCCTACATCGAGATGCTGGAACACATTTGGAAGCTA 850

QY 728 CTACTGCAAAATGTCACATTTGTTTTCGAACTGCAATATATTCAGTGGACGATATGCTGAT 787
DB 851 CTACTGCAAAATGTCACATTTGTTTTCGAACTGCAATATATTCAGTGGACGATATGCTGAT 910

QY 788 AGATATAAATGAATGATCTATGATAGCATAGTGCAGCCACCATGCAATTTGCTTCAA 847
DB 911 AGATATAAATGAATGATCTATGATAGCATAGTGCAGCCACCATGCAATTTGCTTCAA 970

QY 848 TACCCAGGGTCTCTCAAGTGAATGCAAGCAGGATATAAGGCAATGGAATTCGCTG 907

DB 971 TACCAGGGTCTCTCAAGTGTAAATGCAAGCAGGATATAAAGCAATGGACTTCGGTG 1030
QY 908 TTCTGCTATCCCTGAAAAATTTCTGTGAAGAGTCTCTCAGAGCACCTGGTACCATCAAGA 967
DB 1031 TTCTGCTATCCCTGAAAAATTTCTGTGAAGAGTCTCTCAGAGCACCTGGTACCATCAAGA 1090
QY 968 CAGAAATCAAGAGTGTCTGCTCACAATAAACAGCATGAAAAAGAGGCAAAAAATTAATAA 1027
DB 1091 CAGAAATCAAGAGTGTCTGCTCACAATAAACAGCATGAAAAAGAGGCAAAAAATTAATAA 1150

QY 1028 TGTATCCCGAGACCCACAGGACTCTCTTACCTCCCTAAGGTGAATTCAGGCCCTTCACTA 1087
DB 1151 TGTATCCCGAGACCCACAGGACTCTCTTACCTCCCTAAGGTGAATTCAGGCCCTTCACTA 1210

QY 1088 TGAAGAGATAGTTTCCAGAGCGCGGAACTCTCATGAGGTAAAAAGGGAATGAAGAG-A 1146
DB 1211 TGAAGAGATAGTTTCCAGAGCGCGGAACTCTCATGAGGTAAAAAGGGAATGAAGAGAA 1270

QY 1147 AATCAAAAGAGGGGCTTGAGGATGAGAAAAGAGAAAGCCCTGAAGAATGACATAGA 1206
DB 1271 AATCAAAAGAGGGGCTTGAGGATGAGAAAAGAGAAAGCCCTGAAGAATGACATAGA 1330

QY 1207 GGAGGAGCCTCGAGGAGATGTGTTTTTCCCTAAGGTGAATGAAGCAGGTGAATTCGG 1266
DB 1331 GGAGGAGCCTCGAGGAGATGTGTTTTTCCCTAAGGTGAATGAAGCAGGTGAATTCGG 1390

QY 1267 CCTGATTTCTGCTCCAAAGGAAAGCGCTAACTTCCAAACTGGAACATAA--AGATTTAAA 1323
DB 1391 CCTGATTTCTGCTCCAAAGGAAAGCGCTAACTTCCAAACTGGAACATAAAGCAGATTTAAA 1450

QY 1324 TATCTCGGTGACTCGAGCTTCAATCATGGGATCTGTGACTGGAACAGGATAGAGAAGA 1383
DB 1451 TATCTCGGTGACTCGAGCTTCAATCATGGGATCTGTGACTGGAACAGGATAGAGAAGA 1510

QY 1384 TGATTTTGCATGGAATCCTGCTGATGAGATAATGTCTATTTGGTCTCTATATGCGAGTTC 1443
DB 1511 TGATTTTGCATGGAATCCTGCTGATGAGATAATGTCTATTTGGTCTCTATATGCGAGTTC 1570

QY 1444 GGCCTTGGCAGGTCACAGAGAGCATTTGCCGATTTGAACTTCTCTACTCCTCAGCTGCA 1503
DB 1571 GGCCTTGGCAGGTCACAGAGAGCATTTGCCGATTTGAACTTCTCTACTCCTCAGCTGCA 1630

QY 1504 ACCCCAAAGCAACTTCTGTTTGTCTTTTGTATTTACCGCTCGCGGAGACAAAGTCGGGAA 1563
DB 1631 ACCCCAAAGCAACTTCTGTTTGTCTTTTGTATTTACCGCTCGCGGAGACAAAGTCGGGAA 1690

QY 1564 ACTTCAGTGTGTTGAAAAACAGTAAACATCCCTGGCATGGGAGAGACACAGAGTGA 1623
DB 1691 ACTTCAGTGTGTTGAAAAACAGTAAACATCCCTGGCATGGGAGAGACACAGAGTGA 1750

QY 1624 GGATCAAAAGTGGAGACAGGGAAAAATTCAGTTGTATCAAGGAACTGATCTACCAAAAG 1683
DB 1751 GGATCAAAAGTGGAGACAGGGAAAAATTCAGTTGTATCAAGGAACTGATCTACCAAAAG 1810

QY 1684 CATCATTTTGAAGCAGAACGTGGCAAGGGCAAAACCGGCAATCCGAGTGGATGCGGT 1743
DB 1811 CATCATTTTGAAGCAGAACGTGGCAAGGGCAAAACCGGCAATCCGAGTGGATGCGGT 1870

QY 1744 CTGTGCTGTTTTCAGGCTTATGTCAGAGTAGCCTTTTATCTGTGAGTGAATGATTTACT 1803
DB 1871 CTGTGCTGTTTTCAGGCTTATGTCAGAGTAGCCTTTTATCTGTGAGTGAATGATTTACT 1930

QY 1804 ATCTTTATTTTGAATGTTGATGTCAGTTCCTGGTTTTTGGATTTTGGATTCATATAGGAC 1863
DB 1931 ATCTTTATTTTGAATGTTGATGTCAGTTCCTGGTTTTTGGATTTTGGATTCATATAGGAC 1990

QY 1864 CTCTGGCATTTTAGAATTTACTAGCTGAAAAATTTGTAATGTACCAACAGAAATTTATTGT 1923
DB 1991 CTCTGGCATTTTAGAATTTACTAGCTGAAAAATTTGTAATGTACCAACAGAAATTTATTGT 2050

QY 1924 AGATGCTCTTCTGTTAAGATATGCAATATTTGCTTTTAAATATCATATCATCTGTATC 1983
DB 2051 AGATGCTCTTCTTGTATAGATATGCAATATTTGCTTTTAAATATCATATCATCTGTATC 2110

CC tissue growth, for tissue repair and regeneration, corneal transplant
CC healing, skin graft production and wound healing. The DNA and protein
CC sequences are useful for treating cancer, leukaemia, nervous system
CC disorders, infection, autoimmune disorders (e.g. multiple sclerosis), and
CC anaemia, periodontal diseases, haemophilia, inflammatory conditions, and
CC for effecting bodily characteristics and fertility of male or female
CC subjects. The present cDNA sequence encodes a human EGF motif-containing
CC protein
XX
SQ Sequence 2413 BP; 704 A; 516 C; 601 G; 592 T; 0 U; 0 Other;

Query Match 97.6%; Score 2206.2; DB 6; Length 2413;
Best Local Similarity 99.3%; Pred. No. 0;
Matches 2243; Conservative 0; Mismatches 10; Indels 5; Gaps 3;

QY 8 GTGGTCCGAGTGGAGCGAGGAGCCGAGCGCTGAGGAGAGAGGCGCGCGCTTACG 67
DB 131 GTAACTCGAGTGGAGCGAGGAGCCGAGCGCTGAGGAGAGAGGCGCGCGCTTACG 190
QY 68 TGCTACCGGGTCCGCGCGCGCGCTCCGAGGGGGCTCAGGAGGAGGAGGAGGAGCCG 127
DB 191 TGCTACCGGGTCCGCGCGCGCGCTCCGAGGGGGCTCAGGAGGAGGAGGAGGAGCCG 250
QY 128 TGCAGAAATGCTCTGCGCTGGAGCGCTTGGCTCCCGCTGCTGCTCTCTCTGGTGGCAG 187
DB 251 TGCAGAAATGCTCTGCGCTGGAGCGCTTGGCTCCCGCTGCTGCTCTCTCTGGTGGCAG 310
QY 188 TGGTTTCGGGAAACGCGCCAGTCAAGGCAATCAGGGTGTGTAGCATCGGCAGCTCAGCC 247
DB 311 TGGTTTCGGGAAACGCGCCAGTCAAGGCAATCAGGGTGTGTAGCATCGGCAGCTCAGCC 370
QY 248 TGGGGTCTGTCACTATGAACTAACTGGCTCTCTACGGCTGGAGAGGAGGAGGAGGAG 307
DB 371 TGGGGTCTGTCACTATGAACTAACTGGCTCTCTACGGCTGGAGAGGAGGAGGAGGAG 430
QY 308 GGGAGTCTGTGAGCTACATCGGAACTGGATTAAGTTGGTGGTGGTGGGAGCCAA 367
DB 431 GGGAGTCTGTGAGCTACATCGGAACTGGATTAAGTTGGTGGTGGTGGGAGCCAA 490
QY 368 CAAATGACAGATGCTTTCCAGGATACACCGGGAAACCTGCAGTCAAGATGTGAATGAGTG 427
DB 491 CAAATGACAGATGCTTTCCAGGATACACCGGGAAACCTGCAGTCAAGATGTGAATGAGTG 550
QY 428 TGGAAATGAAACCGCGCGCTGCGCAACACATGTGTGATACACAGGAGGAGTACAGTG 487
DB 551 TGGAAATGAAACCGCGCGCTGCGCAACACATGTGTGATACACAGGAGGAGTACAGTG 610
QY 488 CTTTTGGCTCAGTGGCCACATGCTCATGCGCAGATGCTGTGTGAACTCTAGGACATG 547
DB 611 CTTTTGGCTCAGTGGCCACATGCTCATGCGCAGATGCTGTGTGAACTCTAGGACATG 670
QY 548 TGCCATGATAAATCTGTGATACAGTGTGAAGACACAGAGAGGAGGAGGAGGAGGAGGAG 607
DB 671 TGCCATGATAAATCTGTGATACAGTGTGAAGACACAGAGAGGAGGAGGAGGAGGAGGAG 730
QY 608 TCCATCTCTCAGGAGCTCCGCGCTGGCCCAATGGAAGAGAGTGTCTAGATATTGATGAATG 667
DB 731 TCCATCTCTCAGGAGCTCCGCGCTGGCCCAATGGAAGAGAGTGTCTAGATATTGATGAATG 790
QY 668 TGCCTCTGTTAAAGTCACTGTGCTCCCTCAATCGAAGATGTGTGAACACATTTGGAAGCTA 727
DB 791 TGCCTCTGTTAAAGTCACTGTGCTCCCTCAATCGAAGATGTGTGAACACATTTGGAAGCTA 850
QY 728 CTACTGCAAAATGTCACTATGTTTTCGAACTGCAATATATCAGTGGAGGAGTATGACTGTAT 787
DB 851 CTACTGCAAAATGTCACTATGTTTTCGAACTGCAATATATCAGTGGAGGAGTATGACTGTAT 910
QY 788 AGATATAAATGAATGTACTATGATAGCCATACCTGCGAGGAGGAGGAGGAGGAGGAGGAG 847
DB 911 AGATATAAATGAATGTACTATGATAGCCATACCTGCGAGGAGGAGGAGGAGGAGGAGGAG 970
QY 848 TACCCAGGGTCTTCAAGTGAATGTAATGCAAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 907

QY 1984 TTCTCAGTCATTTCTGAATCTTTCCNCATTATATATAAATNTGAAANGTCAGTTTAT 2043
DB 2111 TTCTCAGTCATTTCTGAATCTTTCCNCATTATATATAAATNTGAAANGTCAGTTTAT 2170
QY 2044 CTCCCTCTCNGTATATCTGATTTGTATANGTANGTGTGATGCTTCTCTTACACAT 2103
DB 2171 CTCCCTCTCAGTATATCTGATTTGTATAGTAAAGTTGATGAGCTTCTCTTACACAT 2230
QY 2104 TTCTAGAAAATAGAAAAAGACAGAGAAATGTTTAACTGTTTGAATCTTATGATATCT 2163
DB 2231 TTCTAGAAAATAGAAAAAGACAGAGAAATGTTTAACTGTTTGAATCTTATGATATCT 2290
QY 2164 TCTTGGAAAATAGACATCAAGATAGACTTTTCCCTAAGTGGCTTAGCTGGTCTTTCA 2223
DB 2291 TCTTGGAAAATAGACATCAAGATAGACTTTTCCCTAAGTGGCTTAGCTGGTCTTTCA 2350
QY 2224 TAGCCAAACTTGTATATTT-AAATCTTTGTAATAATAA 2260
DB 2351 TAGCCAAACTTGTATATTTAAATCTTTGTAATAATAA 2388

RESULT 42
AAL43906
ID AAL43906 standard; cDNA; 2413 BP.
XX
AC AAL43906;
XX
DT 19-SEP-2002 (first entry)
XX
DE Human EGF motif-containing protein coding sequence, SEQ ID No 31.
XX
KW Human; Gene; ss; epidermal growth factor motif; EGF motif; EGFL6;
KW epidermal tissue growth; tissue repair; tissue regeneration;
KW corneal transplant healing; skin graft; wound healing; cancer; leukaemia;
KW nervous system disorder; infection; autoimmune disorder; inflammation;
KW multiple sclerosis; anaemia; periodontal disease; haemophilia;
KW fertility enhancement.
XX
OS Homo sapiens.
XX
FH Key Location/Qualifiers
FT CDS 258..1922
FT /*tag= a
FT /product= "Human EGF motif-containing protein SEQ ID #32"
XX
PN WO200230977-A2.
XX
PD 18-APR-2002.
XX
PF 15-OCT-2001; 2001WO-US032257.
XX
PR 13-OCT-2000; 2000US-00687860.
XX
PA (HYSE-) HYSEQ INC.
XX
PI Asundi V, Ford JE, Drmanac RT, Liu C, Yamaeaki V, Yeung G;
PI Tang TY, Zhang S, Zhou H;
XX
DR WPI; 2002-426270/45.
XX
DR P-PSDB; AAO15371.
XX
PT Novel isolated epidermal growth factor motif polypeptide, termed EGFL6,
PT for treating cancer, nervous system disorders, immune deficiencies,
PT autoimmune disorders, coagulation disorders and inflammatory conditions.
XX
PS Claim 4; Page 179-181; 183pp; English.
XX
CC The invention comprises the amino acid and coding sequences of human
CC epidermal growth factor (EGF) motif-containing proteins (EGFL6 proteins).
CC The DNA and protein sequences of the invention are useful for inhibiting
CC the proliferation of cells expressing an EGFL6 protein. The DNA and
CC protein sequences of the invention are useful for stimulating epithelial

971 TACCAAGGGTCTTCAAGTGTAAATCAAGCAGGGATATAAAGGCAATGCACTTCGGTG 1030
908 TTCTGCTATCCCTGAAATTTCTGTAAGCAAGTCTCTCAGAGCACCTGGTACCACTCAAGA 967
1031 TTCTGCTATCCCTGAAATTTCTGTAAGCAAGTCTCTCAGAGCACCTGGTACCACTCAAGA 1090
968 CAGAAATCAAGAAAGTCTGCTCTCAAAAACAGCATGAAAAGAGGCAAAATTTAAAA 1027
1091 CAGAAATCAAGAAAGTCTGCTCTCAAAAACAGCATGAAAAGAGGCAAAATTTAAAA 1150
1028 TGTATCCCCAGAACCCACAGAGCTCTTACCCCTAAGGTGAATTTGACGCCCTCAACTA 1087
1151 TGTATCCCCAGAACCCACAGAGCTCTTACCCCTAAGGTGAATTTGACGCCCTCAACTA 1210
1088 TGAAGAGATAGTTTTCAGAGCGGGAATCTCTCATGAGGTAAGGTAAGGTAAGAG-A 1146
1211 TGAAGAGATAGTTTTCAGAGCGGGAATCTCTCATGAGGTAAGGTAAGGTAAGAGAA 1270
1147 AATGAAGAGGGGCTTGAGGATGAGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1206
1271 AATGAAGAGGGGCTTGAGGATGAGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1330
1207 GGAAGCAAGCCTGCGAGGAGATGTGTTTTTCCCTAAGGTGAATGAAGCAGGTGAATTCGG 1266
1331 GGAAGCAAGCCTGCGAGGAGATGTGTTTTTCCCTAAGGTGAATGAAGCAGGTGAATTCGG 1390
1267 CTTGATTTCTGTTCCAG 1323
1391 CTTGATTTCTGTTCCAG 1450
1324 TATCTCGGTTGACTGAGGCTTCAATCATGGGATCTGTGACTGGAAACAGGATAGAGAAG 1383
1451 TATCTCGGTTGACTGAGGCTTCAATCATGGGATCTGTGACTGGAAACAGGATAGAGAAG 1510
1384 TGATTTGACTGAAATCTGCTGATGAGATGAGATGAGATGAGATGAGATGAGATGAGAT 1443
1511 TGATTTGACTGAAATCTGCTGATGAGATGAGATGAGATGAGATGAGATGAGATGAGAT 1570
1444 GGCCTTGGAGGTCACAAAGAGACATTTGGCGGATTTGAACTTCTCTACCTGACCTGCA 1503
1571 GGCCTTGGAGGTCACAAAGAGACATTTGGCGGATTTGAACTTCTCTACCTGACCTGCA 1630
1504 ACCCAAGCAATCTCTGTTGCTTCTGATGATGATGATGATGATGATGATGATGATGATG 1563
1631 ACCCAAGCAATCTCTGTTGCTTCTGATGATGATGATGATGATGATGATGATGATGATG 1690
1564 ACTTCGAGTCTTGTGAAAACAGTAAACATGCTGCGATCGGAGAGAGACACAGTGA 1623
1691 ACTTCGAGTCTTGTGAAAACAGTAAACATGCTGCGATCGGAGAGAGACACAGTGA 1750
1624 GGAATGAAAGTGAAGACAGGAAATTCAGTTGATCAAGGAACTGATGCTACCAAAAG 1683
1751 GGAATGAAAGTGAAGACAGGAAATTCAGTTGATCAAGGAACTGATGCTACCAAAAG 1810
1684 CATCATTTTGAAGCAGAGCTGCGAAGGCAAAACCGGCAAAATCGCAATGGATGGCGT 1743
1811 CATCATTTTGAAGCAGAGCTGCGAAGGCAAAACCGGCAAAATCGCAATGGATGGCGT 1870
1744 CTTCTGTTTCAAGGCTTATGTCAGATAGCCTTTTATCTGAGATGATGATGATGATGAT 1803
1871 CTTCTGTTTCAAGGCTTATGTCAGATAGCCTTTTATCTGAGATGATGATGATGATGAT 1930
1804 ATCTTTATTTGACTTTGATGTCAGTCTCCCTGGTTTTTTTGTATTCATCATAGAGAC 1863
1931 ATCTTTATTTGACTTTGATGTCAGTCTCCCTGGTTTTTTTGTATTCATCATAGAGAC 1990
1864 CTTCTGCAATTTAGAAATTTAGTGAATTTGATGATGATGATGATGATGATGATGATGAT 1923
1991 CTTCTGCAATTTAGAAATTTAGTGAATTTGATGATGATGATGATGATGATGATGATGAT 2050
1924 AAGATGCTTTCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 1983
2051 AAGATGCTTTCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 2110

QY 1984 TTCTCAGTCAATTTCTGAATCTTTCCNCAATATATATAAAATNNGAAANGTCAGTTTAT 2043
Db 2111 TTCTCAGTCAATTTCTGAATCTTTCCCAATATATATAAAATNNGAAANGTCAGTTTAT 2170
QY 2044 CTCCCTCTCCCTGATATCTGATTTGTATGATGATGATGATGATGATGATGATGATGAT 2103
Db 2171 CTCCCTCTCCCTGATATCTGATTTGTATGATGATGATGATGATGATGATGATGAT 2230
QY 2104 TTCTAGAAATATAGAAAAAAGACACAGAGAAATGTTTAACTGTTTCACTTATGAT 2163
Db 2231 TTCTAGAAATATAGAAAAAAGACACAGAGAAATGTTTAACTGTTTCACTTATGAT 2290
QY 2164 TCTTGGAACTATGACATCAAGATAGACTTTTGCCTTAAGTGGCTTAGCTGGCTCTTCA 2223
Db 2291 TCTTGGAACTATGACATCAAGATAGACTTTTGCCTTAAGTGGCTTAGCTGGCTCTTCA 2350
QY 2224 TAGCCAAACTTGTATATTT-AACTTTTGTAAATAA 2260
Db 2351 TAGCCAAACTTGTATATTTAAATTTCTTTGTAATAA 2388

RESULT 43
ABX14784

ID ABX14784 standard; cDNA; 2413 BP.

XX ABX14784;

XX AC ABX14784;
XX DT 02-APR-2003 (first entry)

XX DE Novel human EGF-motif containing protein associated cDNA #3.

XX KW EGF; epidermal growth factor; cancer; lung cancer; brain cancer;
XX KW prostate cancer; breast cancer; skin cancer; lymphoma cancer;
XX KW sarcoma cancer; colon cancer; tumorigenicity; tumour site reduction;
XX KW cell proliferation inhibition; vaccine; antisense gene therapy; gene; ss;
XX human.

XX OS Homo sapiens.

XX PH Key Location/Qualifiers

XX CDS 258..1922

XX FT /tag= a

XX FT /product= "EGF-motif containing protein associated
protein"

XX XX US2002132250-A1.

XX PN 19-SEP-2002.

XX PD 15-OCT-2001; 2001US-00981649.

XX PF 28-JUL-1999; 99US-00363316.

XX PR 13-OCT-2000; 2000US-00687860.

XX PR (FORD/) FORD J E.

XX PA (YEUN/) YEUNG G.

XX PA (ZHOU/) ZHOU H.

XX XX Ford JE, Yeung G, Zhou H;

XX PI WPI; 2003-174078/17.

XX DR P-PSDB; ABG72945.

XX XX

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XX XX

Detecting cancerous cells expressing polynucleotides/polypeptides in
samples, by contacting samples with labeled polynucleotides complementary
to polynucleotide or an antibody against the polypeptide and detecting
complex formed.

Example 1; Page 66-69; 78pp; English.

The invention describes a method of detecting a cancerous cell expressing
a polynucleotide (I) or a polypeptide (II) in a biological sample,

CC involving contacting the sample with a labelled polynucleotide
CC complementary to (i) or an antibody or its fragment that specifically
CC binds to (ii), for a period sufficient to form a complex and detecting
CC the complex, so that if a complex is detected, the cell is detected. The
CC method is useful for detecting cancerous cell in a biological sample such
CC as tissue, cell, blood serum, lymphatic fluid, urine, and cerebrospinal
CC fluid. The cancerous cell is from lung, brain, prostate, breast, skin,
CC lymphoma, sarcoma and colon. Preferably the cancer cell is A549 cell, MCF
CC -7 cell or SK-N-Mc cell. PC1 and PC2 are useful for inhibiting EGFR6
CC activity, inhibiting tumorigenicity, reducing tumour sites and inhibiting
CC proliferation of a cancer cell. This sequence encodes a novel human EGF
CC (epidermal growth factor) motif containing protein associated protein
XX
SQ Sequence 2413 BP; 704 A; 516 C; 601 G; 592 T; 0 U; 0 Other;

Query Match 97.6%; Score 2206.2; DB 7; Length 2413;
Best Local Similarity 99.3%; Pred. No. 0;
Matches 2243; Conservative 0; Mismatches 10; Indels 5; Gaps 3;

QY 8 GTGGTGGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGAGGAGGCGGGCTTAGC 67
DB 131 GTAACCTGGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGAGGAGGCGGGCTTAGC 190
QY 68 TGCTACGGGGTCCGGCCGGCCCTCCCGAGGGGGCTCAGGAGGAGGAGGACCCG 127
DB 191 TGCTACGGGGTCCGGCCGGCCCTCCCGAGGGGGCTCAGGAGGAGGAGGACCCG 250
QY 128 TGCGAGAGTCCCTGCTGCGGAGCTTGGCTCCCGCTGCTGCTCTCTGCTGGTGGCAG 187
DB 251 TGCGAGAGTCCCTGCTGCGGAGCTTGGCTCCCGCTGCTGCTCTCTGCTGGTGGCAG 310
QY 188 TGGTTTCGGGAACCGGCGAGTGAAGGATCAGCGGTTGTAGCATCGGCACTCAGCC 247
DB 311 TGGTTTCGGGAACCGGCGAGTGAAGGATCAGCGGTTGTAGCATCGGCACTCAGCC 370
QY 248 TGGGGTCTGTCACTATGGAATTAACCTGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 307
DB 371 TGGGGTCTGTCACTATGGAATTAACCTGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 430
QY 308 GGGAGTCTGTGAAGTACATCGGAACCTGGATGTAAGTGTGGTGGTGGTGGTGGTGGT 367
DB 431 GGGAGTCTGTGAAGTACATCGGAACCTGGATGTAAGTGTGGTGGTGGTGGTGGTGGT 490
QY 368 CAATGAGATGCTTTCAGAGTACACGGGAAACCTGAGTCAAGTGTGAATGAGTG 427
DB 491 CAATGAGATGCTTTCAGAGTACACGGGAAACCTGAGTCAAGTGTGAATGAGTG 550
QY 428 TGGAAATGAAACCCGGCCATGCCAACACAGATGTGCAATACACAGGAGGTACAAAGTG 487
DB 551 TGGAAATGAAACCCGGCCATGCCAACACAGATGTGCAATACACAGGAGGTACAAAGTG 610
QY 488 CTTTGGCTCAGTGGCCACATGCTCATGCCAGATGCTACGTGTGTGAACTCTAGGACATG 547
DB 611 CTTTGGCTCAGTGGCCACATGCTCATGCCAGATGCTACGTGTGTGAACTCTAGGACATG 670
QY 548 TGCCATGATAAAGTGTAGTACAGTGTGAAGACACAGAGAGAGGCGCCACAGTCCCTGTG 607
DB 671 TGCCATGATAAAGTGTAGTACAGTGTGAAGACACAGAGAGAGGCGCCACAGTCCCTGTG 730
QY 608 TCATTCCTCAGAGTCCGCTCGCCGCCAAATGGAAGAGAGTGTGTAGATTTGATGAATG 667
DB 731 TCATTCCTCAGAGTCCGCTCGCCGCCAAATGGAAGAGAGTGTGTAGATTTGATGAATG 790
QY 668 TGCCCTCTGTAAGTCACTCTGCTCAATCGAAGATGTGCAACACATTTGGAAGCTA 727
DB 791 TGCCCTCTGTAAGTCACTCTGCTCAATCGAAGATGTGCAACACATTTGGAAGCTA 850
QY 728 CTACTGCAAAATGTCAATTTGTTTTCGAACCTGCAATATATCAGTGGAGATGATGAT 787
DB 851 CTACTGCAAAATGTCAATTTGTTTTCGAACCTGCAATATATCAGTGGAGATGATGAT 910
QY 788 AGATATAATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 847

DB 911 AGATATAATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 970
QY 848 TACCAAGGCTCTTCAAGTGTAAATGCAAGCAGGATATAAGGCAATGCACTTCGGTG 907
DB 971 TACCAAGGCTCTTCAAGTGTAAATGCAAGCAGGATATAAGGCAATGCACTTCGGTG 1030
QY 908 TTTGCTATCCCTGAAATTTCTGTGAAGAGTCTCTCAGAGCACCCTGGTACCATCAAGA 967
DB 1031 TTTGCTATCCCTGAAATTTCTGTGAAGAGTCTCTCAGAGCACCCTGGTACCATCAAGA 1090
QY 968 CAGATCAAGAGTGTCTTCTCACAACCAACAGATGAAAAAGAGGCAAAATTAATAA 1027
DB 1091 CAGATCAAGAGTGTCTTCTCACAACCAACAGATGAAAAAGAGGCAAAATTAATAA 1150
QY 1028 TGTATCCCAAGAACCCACAGGACTCTCTACCCCTAAGGTGAATTCGACCCCTTCAACTA 1087
DB 1151 TGTATCCCAAGAACCCACAGGACTCTCTACCCCTAAGGTGAATTCGACCCCTTCAACTA 1210
QY 1088 TGAAGAGATAGTTTTCAGAGCGGGAACTCTCATGAGGTAAAAAGGCAATGAAGAG-A 1146
DB 1211 TGAAGAGATAGTTTTCAGAGCGGGAACTCTCATGAGGTAAAAAGGCAATGAAGAGAA 1270
QY 1147 AATGAAAGAGGGGCTTGAGGATGAGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1206
DB 1271 AATGAAAGAGGGGCTTGAGGATGAGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1330
QY 1207 GGAGCGAAGCCTCGAGGAGATGTTTTCCTTAAGGTGAATGAGAGAGAGAGAGAGAG 1266
DB 1331 GGAGCGAAGCCTCGAGGAGATGTTTTCCTTAAGGTGAATGAGAGAGAGAGAGAGAG 1390
QY 1267 CCTGATTTCTGGTCCAAAGGAAAGCGCTAACTTCCAAACTGGAAACATAAAGCAGAT 1323
DB 1391 CCTGATTTCTGGTCCAAAGGAAAGCGCTAACTTCCAAACTGGAAACATAAAGCAGAT 1450
QY 1324 TATCTCGTTGAGCTGAGCTCAATCATGGGATCTGCTGCTGCTGCTGCTGCTGCTGCT 1383
DB 1451 TATCTCGTTGAGCTGAGCTCAATCATGGGATCTGCTGCTGCTGCTGCTGCTGCTGCT 1510
QY 1384 TGATTTGAGTCTGGAATCCTGCTGATGAGATATGCTATTGGCTTCTATATGCGAGTTC 1443
DB 1511 TGATTTGAGTCTGGAATCCTGCTGATGAGATATGCTATTGGCTTCTATATGCGAGTTC 1570
QY 1444 GGCCTTGGCAGGTACAGAGAGACATTTGGCCGATTTGAACCTTCTCTACCTGACCTGCA 1503
DB 1571 GGCCTTGGCAGGTACAGAGAGACATTTGGCCGATTTGAACCTTCTCTACCTGACCTGCA 1630
QY 1504 ACCCAAGCAACTTCTGTTGCTCTTGTATTAACCGGCTGGCGGAGACAAAGTCGGGAA 1563
DB 1631 ACCCAAGCAACTTCTGTTGCTCTTGTATTAACCGGCTGGCGGAGACAAAGTCGGGAA 1690
QY 1564 ACTTCGAGTGTGTGAAAGACAGTAAAGTCCCTGGCATGGGAGAGACCAAGAGTGA 1623
DB 1691 ACTTCGAGTGTGTGAAAGACAGTAAAGTCCCTGGCATGGGAGAGACCAAGAGTGA 1750
QY 1624 GGATGAAAGTGGAGACAGGAGAAATTCAGTTGTATCAAGGAACCTGATCTACCAAAAG 1683
DB 1751 GGATGAAAGTGGAGACAGGAGAAATTCAGTTGTATCAAGGAACCTGATCTACCAAAAG 1810
QY 1684 CATCATTTTGAAGCAGAACGTGGCAAGGCAAAACCGGCGAAATCGCAGTGGATGGCGT 1743
DB 1811 CATCATTTTGAAGCAGAACGTGGCAAGGCAAAACCGGCGAAATCGCAGTGGATGGCGT 1870
QY 1744 CTTCTTGTGTTTTCAGGCTTATGTCAGATGACCTTTTATCTGTGATGATGATGATGATGAT 1803
DB 1871 CTTCTTGTGTTTTCAGGCTTATGTCAGATGACCTTTTATCTGTGATGATGATGATGATGAT 1930
QY 1804 ATCTTTATATTTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1863
DB 1931 ATCTTTATATTTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1990
QY 1864 CTCTGGCATTTTGAATTTACTAGCTGAAAAATTTGTAATCTACCAAGAGAAATTTATTTCT 1923
DB 1991 CTCTGGCATTTTGAATTTACTAGCTGAAAAATTTGTAATTTGTAATCTACCAAGAGAAATTTATTTCT 2050

XX The invention relates to a polynucleotide comprising a sequence given in
CC the specification, or its mature protein-coding portion, or its
CC complement. The polynucleotide is useful for treating diseases e.g.,
CC cancer or neurodegenerative diseases and many others listed in the
CC specification. The present sequence represents a novel human cDNA. Note:
CC The sequence data for this patent did not form part of the printed
CC specification but was obtained in electronic format directly from USPTO
CC at seqdata.uspto.gov/sequence.html?DocID=20030104529.
XX

SQ Sequence 2413 BP; 704 A; 516 C; 601 G; 592 T; 0 U; 0 Other;
Query Match 97.6%; Score 2206.2; DB 8; Length 2413;
Best Local Similarity 99.3%; Pred. No. 0;
Matches 2243; Conservative 0; Mismatches 10; Indels 5; Gaps 3;
QY 8 GTGGGTGCGAGTGGAGCGGAGCCGAGCGGCTGAGGAGAGAGAGCGCGCTTAGC 67
Db 131 GTAACTGCGAGTGGAGCGGAGGACCGAGCGGCTGAGGAGAGAGAGCGCGCTTAGC 190
QY 68 TGCTACGGGTCCGGCCGGCCCTCCGAGGGGGCTCAGAGAGAGAGAGAGAGAGCCG 127
Db 191 TGCTACGGGTCCGGCCGGCCCTCCGAGGGGGCTCAGAGAGAGAGAGAGAGAGCCG 250
QY 128 TCGGAGAAATGCCCTCTGCCCTGGAGCCTTGCGCTCCCGCTGCTGCTCTCTCGGGTGCAGG 187
Db 251 TCGGAGAAATGCCCTCTGCCCTGGAGCCTTGCGCTCCCGCTGCTGCTCTCTCGGGTGCAGG 310
QY 188 TGCTTTGGGAAACCGGCGGCTGCAAGGATCAAGGCTGTTAGCATCGGACGCTCAGCC 247
Db 311 TGCTTTGGGAAACCGGCGGCTGCAAGGATCAAGGCTGTTAGCATCGGACGCTCAGCC 370
QY 248 TGGGGTCTGTCAATGGAATAAATGCCCTGCTACGGCTGGAGAGAGAGAGAGAGAG 307
Db 371 TGGGGTCTGTCAATGGAATAAATGCCCTGCTACGGCTGGAGAGAGAGAGAGAGAG 430
QY 308 GGGAGTCTGAGCTACATCGGAACCTGATGTAAGTTGGTGGTGGGACCAAA 367
Db 431 GGGAGTCTGGAAGCTACATCGGAACCTGATGTAAGTTGGTGGTGGGACCAAA 490
QY 368 CAAATGCAGATGTTTCCAGGATACACCGGAAACCTGCAGTCAAGATGTAATGAGTG 427
Db 491 CAAATGCAGATGTTTCCAGGATACACCGGAAACCTGCAGTCAAGATGTAATGAGTG 550
QY 428 TGGAAATGAACCGGCGCATGCCAACACAGATGTGTAATACACAGGAGGTACAGTG 487
Db 551 TGGAAATGAACCGGCGCATGCCAACACAGATGTGTAATACACAGGAGGTACAGTG 610
QY 488 CTTTGGCTCAGTGGGCGACATGCTCATGCGCAGATGCTAGTGTGTGAATCTTAGGACATG 547
Db 611 CTTTGGCTCAGTGGGCGACATGCTCATGCGCAGATGCTAGTGTGTGAATCTTAGGACATG 670
QY 548 TGGCATGATAAATGTGCTAGCTGTGAGACACAGAGAGAGGGCCACAGTGCCTGTG 607
Db 671 TGGCATGATAAATGTGCTAGCTGTGAGACACAGAGAGAGGGCCACAGTGCCTGTG 730
QY 608 TCCATCTCAGGACTCCGCTGGCCCAATGAAGAGAGACTGTCTAGATATTGATGAATG 667
Db 731 TCCATCTCAGGACTCCGCTGGCCCAATGAAGAGAGACTGTCTAGATATTGATGAATG 790
QY 668 TGCCTCTGGTAAGTCAATCTGCTTACCAATGAAGATGTGTGAACACATTTGGAAGCTA 727
Db 791 TGCCTCTGGTAAGTCAATCTGCTTACCAATGAAGATGTGTGAACACATTTGGAAGCTA 850
QY 728 CTACTGCAATATGCATATGTTTGAATCGCAATATATCATGTTGACATATGATCTGAT 787
Db 851 CTACTGCAATATGCATATGTTTGAATCGCAATATATCATGTTGACATATGATCTGAT 910
QY 788 AGATATAAATGAATGTACTATGAGATAGCCATACGTCAGCAGCCACATGCCAATGTCTCAA 847
Db 911 AGATATAAATGAATGTACTATGAGATAGCCATACGTCAGCAGCCACATGCCAATGTCTCAA 970
QY 848 TACCCAGGGTCCCTTCAAGTGTAAATGCAAGCAGGGATATTAAGGCAATGGAGCTTCGGTG 907

Db 971 TACCCAGGGTCCCTTCAAGTGTAAATGCAAGCAGGGATATTAAGGCAATGGAGCTTCGGTG 1030
QY 908 TTCTGCTATCCCTGAAATTTCTGAAAGGAAGTCTCTAGAGCACTCTGTTACCAATCAAGA 967
Db 1031 TTCTGCTATCCCTGAAATTTCTGAAAGGAAGTCTCTAGAGCACTCTGTTACCAATCAAGA 1090
QY 968 CAGATCAAGAGTGTCTGCTCAAAAACAGCATGAAAAGAGCAAAATTTAAAAA 1027
Db 1091 CAGAAATCAAGAGTGTCTGCTCAAAAACAGCATGAAAAGAGCAAAATTTAAAAA 1150
QY 1028 TGTATACCCAGAACCCACAGCACTCTACCCCTTAAGGTGAATTCAGCCCTTCAACTA 1087
Db 1151 TGTATACCCAGAACCCACAGCACTCTACCCCTTAAGGTGAATTCAGCCCTTCAACTA 1210
QY 1088 TGAAGAGATAGTTTCCAGAGCGGGAATCTCATGGAGGTAAAAGGGGAATGAAG-A 1146
Db 1211 TGAAGAGATAGTTTCCAGAGCGGGAATCTCATGGAGGTAAAAGGGGAATGAAGAA 1270
QY 1147 AATGAAAGAGGGGCTTGAGGATGAGAAAAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1206
Db 1271 AATGAAAGAGGGGCTTGAGGATGAGAAAAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1330
QY 1207 GGAGCAAGCCTGCGAGAGATGTGTTTCCCTTAAGCTGAATGAAGCAGGTGAATCCG 1266
Db 1331 GGAGCAAGCCTGCGAGAGATGTGTTTCCCTTAAGCTGAATGAAGCAGGTGAATCCG 1390
QY 1267 CTTGATTTCTGGTCCAAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1323
Db 1391 CTTGATTTCTGGTCCAAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1450
QY 1324 TATCTCGGTGATCGACGCTCAATCATGGATCTGTGATCTGGAACAGAGTAGAGAA 1383
Db 1451 TATCTCGGTGATCGACGCTCAATCATGGATCTGTGATCTGGAACAGAGTAGAGAA 1510
QY 1384 TGATTTGATCGAATCTGCTGATCGAGATAATGCTATTGGCTTCTATATGGCAGTTCC 1443
Db 1511 TGATTTGATCGAATCTGCTGATCGAGATAATGCTATTGGCTTCTATATGGCAGTTCC 1570
QY 1444 GGCCTTGGCAGGTCAAGAAAGACATTTGGCGGATTTGAAACTTCTCTACCTGACCTGCA 1503
Db 1571 GGCCTTGGCAGGTCAAGAAAGACATTTGGCGGATTTGAAACTTCTCTACCTGACCTGCA 1630
QY 1504 ACCCAAAACCACTTCTGTTTGTCTTTGATTTACCGGCTGGCCGAGACAAAGTCGGAA 1563
Db 1631 ACCCAAAACCACTTCTGTTTGTCTTTGATTTACCGGCTGGCCGAGACAAAGTCGGAA 1690
QY 1564 ACTTCAGTGTGTTGAAAACAGTAAACAATGCCCTGGCATGGGAGAGACCAAGTGA 1623
Db 1691 ACTTCAGTGTGTTGAAAACAGTAAACAATGCCCTGGCATGGGAGAGACCAAGTGA 1750
QY 1624 GGATGAAAGTGGAGACAGGGAATTTCAAGTGTATCAAGGAACTGATGTACCAAAAG 1683
Db 1751 GGATGAAAGTGGAGACAGGGAATTTCAAGTGTATCAAGGAACTGATGTACCAAAAG 1810
QY 1684 CATCATTTTGAAGCAGAACCTGGCAAGGCAAAACCGCGGAAATTCGAGTGGATGGGT 1743
Db 1811 CATCATTTTGAAGCAGAACCTGGCAAGGCAAAACCGCGGAAATTCGAGTGGATGGGT 1870
QY 1744 CTTGCTTGTGTTTCAGGCTTATGTCAGATAGCTTTTATCTGTGGATGACTCAATGTTACT 1803
Db 1871 CTTGCTTGTGTTTCAGGCTTATGTCAGATAGCTTTTATCTGTGGATGACTCAATGTTACT 1930
QY 1804 ATCTTTATATTTGACTTGTATGTCAAGTCCCTGGTGTGTTTTTGTATTTGATTCATAGGAC 1863
Db 1931 ATCTTTATATTTGACTTGTATGTCAAGTCCCTGGTGTGTTTTTGTATTTGATTCATAGGAC 1990
QY 1864 CTCTGGCATTTTAGATTTACTAGCTGAAAATTTGTAATGTACCAACACAGATATTTATGT 1923
Db 1991 CTCTGGCATTTTAGATTTACTAGCTGAAAATTTGTAATGTACCAACACAGATATTTATGT 2050
QY 1924 AAGATGCCCTTCTTGTATAGGATATGCCAATATTTGCTTTTAAATATCATATCATCTGATC 1983

Db 2051 AAGATGCTTTCTTGATATAGATATGCCAATATTTGCTTTAAATATCATATCACTGTATC 2110
 Qy 1984 TTCTCAGTCATTTCTGAATCTTTCCNCAATATATATATAAAATNTGGAANGTCAGTTTAT 2043
 Db 2111 TTCTCAGTCATTTCTGAATCTTTCCACATATATATATAAAATNTGGAANGTCAGTTTAT 2170
 Qy 2044 CTCCCTCCTCNGTATATCTGATTTGTATANGTANGTTGTATGCTTCTCTCTACAAAT 2103
 Db 2171 CTCCCTCCTCAGTATATCTGATTTGTATAGTAAAGTTGTATGAGCTTCTCTCTACAAAT 2230
 Qy 2104 TTCTAGAAAATAGAAAAAGCAAGCAAGAAATTTTACTGTTTGAATCTTTATGATATCT 2163
 Db 2231 TTCTAGAAAATAGAAAAAGCAAGCAAGAAATTTTAACTGTTTGAATCTTTATGATATCT 2290
 Qy 2164 TCTTGGAACTATGATCAATCAAGATAGATTTTCCCTAAGTGGCTTATGCTGGCTCTTTCA 2223
 Db 2291 TCTTGGAACTATGATCAATCAAGATAGATTTTCCCTAAGTGGCTTATGCTGGCTCTTTCA 2350
 Qy 2224 TAGCCAAACTTGATATATTTT-AAATCTTTGTAATAATAA 2260
 Db 2351 TAGCCAAACTTGATATATTTAAATTTCTTTGTAATAATAA 2388

RESULT 46

AC66891
 ID AAC66891 standard; cDNA; 2276 BP.

AC66891;

27-MAR-2001 (first entry)

Human EXMAD-2 coding sequence SEQ ID NO: 27.

Extracellular matrix and adhesion-associated protein; EXMAD; cancer;
 inflammation; reproductive disorder; cardiovascular disorder;
 immune disorder; musculoskeletal disorder; developmental disorder;
 gastrointestinal disorder; cell proliferation disorder; ss.

Homo sapiens.

WO200068380-A2.

16-NOV-2000.

10-MAY-2000; 2000WO-US012811.

11-MAY-1999; 99US-0133643P.

23-AUG-1999; 99US-0150409P.

(INCY-) INCYTE GENOMICS INC.

Bandman O, Hillman JL, Tang YT, Lal P, Yue H, Baughn MR, Lu DM;
 Azimzai Y;

WPI; 2001-007395/01.

P-PSDB; AAB27224.

Isolated polynucleotide encoding extracellular matrix or adhesion-
 associated protein (EXMAD) useful for diagnosing, treating, or preventing
 disorders associated with expression of EXMAD such as proliferative,
 immune and genetic disorders.

Claim 4; Page 113-114; 129pp; English.

The present invention provides the protein and coding sequences for 25
 novel extracellular matrix and adhesion-associated proteins (EXMADs).
 These are designated EXMAD-1, EXMAD-2, EXMAD-3, EXMAD-4, EXMAD-5, EXMAD-
 6, EXMAD-7, EXMAD-8, EXMAD-9, EXMAD-10, EXMAD-11, EXMAD-12, EXMAD-13,
 EXMAD-14, EXMAD-15, EXMAD-16, EXMAD-17, EXMAD-18, EXMAD-19, EXMAD-20,
 EXMAD-21, EXMAD-22, EXMAD-23, EXMAD-24 and EXMAD-25. They are useful in
 the prevention and treatment of cancers, cell proliferation,
 cardiovascular, reproductive, immune, musculoskeletal, developmental and
 gastrointestinal disorders and inflammation

XX	Sequence	2276 BP; 683 A; 460 C; 562 G; 571 T; 0 U; 0 Other;
SQ	Query Match	97.6%; Score 2205; DB 4; Length 2276;
	Best Local Similarity	99.5%; Pred. No. 0;
	Matches 2240; Conservative	0; Mismatches 7; Indels 5; Gaps 3;
Qy	14	CGGAGTGGAGGAGGACCGAGCGGCTGAGGAGAGAGAGGCGCGGCTTACGCTCTAC 73
Db	1	CGGAGTGGAGGAGGAGGACCGAGCGGCTGAGGAGAGAGAGGCGCGGCTTACGCTCTAC 60
Qy	74	GGGCTCCGGCGCGGCGCTCCCGAGGGGGCTCCAGGAGGAGGAGGACCCGCTCGAG 133
Db	61	GGGCTCCGGCGCGGCGCTCCCGAGGGGGCTCCAGGAGGAGGAGGACCCGCTCGAG 120
Qy	134	AATCCCTCTCCCTCGAGAGCCTTGGGCTCCGCTGCTGCTCTCTCTGGGTGGCAGGTGTTT 193
Db	121	AATCCCTCTCCCTCGAGAGCCTTGGGCTCCGCTGCTGCTCTCTCTGGGTGGCAGGTGTTT 180
Qy	194	CGGGAACGCGCGCGAGTGCAGGAGCATCACGGGTTGTTAGCATCGGACGTCAGCCTGGGT 253
Db	181	CGGGAACGCGCGCGAGTGCAGGAGCATCACGGGTTGTTAGCATCGGACGTCAGCCTGGGT 240
Qy	254	CTGTCACTATGGAACTAACTGGCTGCTGTACGGCTGGAGAGAGAAAACAGCAAGGAGT 313
Db	241	CTGTCACTATGGAACTAACTGGCTGCTGTACGGCTGGAGAGAGAAAACAGCAAGGAGT 300
Qy	314	CTGTGAAGCTACATGCGAACCTGGATGAAGTTTGGTGAAGTGGGACCAACAAATG 373
Db	301	CTGTGAAGCTACATGCGAACCTGGATGAAGTTTGGTGAAGTGGGACCAACAAATG 360
Qy	374	CAGATGCTTTCCAGGATACACCGGGAAAACCTGCAGTCAAGATGTGAATGAGTGGGAAT 433
Db	361	CAGATGCTTTCCAGGATACACCGGGAAAACCTGCAGTCAAGATGTGAATGAGTGGGAAT 420
Qy	434	GAACCCCGGCGATGCCACACAGATGTGTGAATACACACGGAAGCTACAAGTCTTTTG 493
Db	421	GAACCCCGGCGATGCCACACAGATGTGTGAATACACACGGAAGCTACAAGTCTTTTG 480
Qy	494	CCTCAGTGGCCACATGCTCATGCCAGATGCTACGTGTGTGAATCTTAGGACATGTGCCAT 553
Db	481	CCTCAGTGGCCACATGCTCATGCCAGATGCTACGTGTGTGAATCTTAGGACATGTGCCAT 540
Qy	554	GATAACTGTCACTAGCTGTGAAGACACAGAAAGGGCCACAGTGGCTGTGTCCATC 613
Db	541	GATAACTGTCACTAGCTGTGAAGACACAGAAAGGGCCACAGTGGCTGTGTCCATC 600
Qy	614	CTCAGGACTCCGCTGGCCCAATGGAAAGAGACTGCTTAGATATTGATGAATGTGCCTC 673
Db	601	CTCAGGACTCCGCTGGCCCAATGGAAAGAGACTGCTTAGATATTGATGAATGTGCCTC 660
Qy	674	TGGTAAAGTCACTGTCCCTTACAAATCGAAGAGTGTGTGAACACATTTGGAAGTACTACTG 733
Db	661	TGGTAAAGTCACTGTCCCTTACAAATCGAAGAGTGTGTGAACACATTTGGAAGTACTACTG 720
Qy	734	CAAAATGTCACATTTGGTTTCGAACTGCAATATATCATGAGGACCATATGATCTGATAGATAT 793
Db	721	CAAAATGTCACATTTGGTTTCGAACTGCAATATATCATGAGGACCATATGATCTGATAGATAT 780
Qy	794	AAATGAATGATCTATGATAGCAGTACGTCAGGCCACCAATGCAATTTGTTCAATACCCA 853
Db	781	AAATGAATGATCTATGATAGCAGTACGTCAGGCCACCAATGCAATTTGTTCAATACCCA 840
Qy	854	AGGTCCTTCAAGTGAATGCAAGCGGGATATTAAGGCAATGGACTCGGTGTTCTGC 913
Db	841	AGGTCCTTCAAGTGAATGCAAGCGGGATATTAAGGCAATGGACTCGGTGTTCTGC 900
Qy	914	TATCCCTGAAAATTTCTGTGAAGGAACTCTCAGAGCACCCTGGTACCATCAAGACAGAAAT 973
Db	901	TATCCCTGAAAATTTCTGTGAAGGAACTCTCAGAGCACCCTGGTACCATCAAGACAGAAAT 960
Qy	974	CAAGAGTTCCTGCTCACAAAACAGCATGAAAAGAGGCAAAAATAAAAATGTTTAC 1033

Db 961 CAAGAAGTTGCTTCTCACAACAAACACATGAACAGGCAACAAATTAACAAATGTTAC 1020
Qy 1034 CCCAGAACCCACAGGACTCTCTACCCCTAAGGCTGAACCTTCAGCCCTTCAACTATGAAGA 1093
Db 1021 CCCAGAACCCACAGGACTCTCTACCCCTAAGGCTGAACCTTCAGCCCTTCAACTATGAAGA 1080
Qy 1094 CATAGTTTCCAGAGCGCGGAACCTCTCATGAGGTAAAGGAAGGAAGAGAG- AATGAA 1152
Db 1081 CATAGTTTCCAGAGCGCGGAACCTCTCATGAGGTAAAGGAAGGAAGGAAGGAAGGA 1140
Qy 1153 AGAGGGGCTTCAGGATGAGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1212
Db 1141 AGAGGGGCTTCAGGATGAGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1200
Qy 1213 AAGCTTCGAG 1272
Db 1201 AAGCTTCGAG 1260
Qy 1273 TCTGCTCAAG 1329
Db 1261 TCTGCTCAAG 1320
Qy 1330 GGTGACTGACGCTCAATCATGAGATCTGTGACTGGAACAGAGATGAGAGAGAGATGATTT 1389
Db 1321 GGTGACTGACGCTCAATCATGAGATCTGTGACTGGAACAGAGATGAGAGAGAGATGATTT 1380
Qy 1390 TGACTTGAATCCTGCTGATCGAGATATGCTATTGCTTCTATATGCGAGTTCCGSCCTT 1449
Db 1381 TGACTTGAATCCTGCTGATCGAGATATGCTATTGCTTCTATATGCGAGTTCCGSCCTT 1440
Qy 1450 GGCAGGTCACAAGAGAGAGATGCGCGGATGAACTTCTCTACCTGACCTGCAACCCCA 1509
Db 1441 GGCAGGTCACAAGAGAGAGATGCGCGGATGAACTTCTCTACCTGACCTGCAACCCCA 1500
Qy 1510 AAGCAACTCTGTTGCTCTTTGATTACCGCTGCGCGGAGACAAAGTCGGGAACCTCG 1569
Db 1501 AAGCAACTCTGTTGCTCTTTGATTACCGCTGCGCGGAGACAAAGTCGGGAACCTCG 1560
Qy 1570 AGTGTGTTGAAAAACAGTAAACAATGCGCATGCGGAGAGAGAGAGAGAGAGAGAGAGATCA 1629
Db 1561 AGTGTGTTGAAAAACAGTAAACAATGCGCATGCGGAGAGAGAGAGAGAGAGAGAGATCA 1620
Qy 1630 AAGTGGAGAGAGAGAGAGATGAGTTGATCAAGGACTGATGCTACCAAGAGATCAT 1689
Db 1621 AAGTGGAGAGAGAGAGAGATGAGTTGATCAAGGACTGATGCTACCAAGAGATCAT 1680
Qy 1690 TTTTGAAGCAGAGCTGCGAGGCGCAACCGCGAATCGCAGTGGAGTGGCTCTTGCT 1749
Db 1681 TTTTGAAGCAGAGCTGCGAGGCGCAACCGCGAATCGCAGTGGAGTGGCTCTTGCT 1740
Qy 1750 TGTTTCAGGCTTATGTCAGATAGCCTTTTATCTGTGGATGACTGAATGTACTATCTTT 1809
Db 1741 TGTTTCAGGCTTATGTCAGATAGCCTTTTATCTGTGGATGACTGAATGTACTATCTTT 1800
Qy 1810 ATATTGACTTTGATGTCAGTTCCTCGTGTGTTTTGATGATGATGATGATGATGATGATGATG 1869
Db 1801 ATATTGACTTTGATGTCAGTTCCTCGTGTGTTTTGATGATGATGATGATGATGATGATGATG 1860
Qy 1870 CATTTAGAAATACAGCTGAAATTTGTAATGATGATGATGATGATGATGATGATGATGATG 1929
Db 1861 CATTTAGAAATACAGCTGAAATTTGTAATGATGATGATGATGATGATGATGATGATGATG 1920
Qy 1930 CTTTCTTGTATAGATGCAATATTTGCTTTTAAATATCATATCATGATGATCTTCTCA 1989
Db 1921 CTTTCTTGTATAGATGCAATATTTGCTTTTAAATATCATATCATGATGATCTTCTCA 1980
Qy 1990 GTCAATTCGAAATCTTCCNCAATTAATTAATAAATGGAAGTCAGTTATCTCCCG 2049
Db 1981 GTCAATTCGAAATCTTCCNCAATTAATTAATAAATGGAAGTCAGTTATCTCCCG 2040
Qy 2050 TCCTCNGTATCTGATTTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 2109
Db 2041 TCCTCAGTATATCTGATTTGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 2100

Qy 2110 AAATAAGAAAAAAGCAGACAGAAATGTTTAACTGTTTGACTCTTATGATACCTCTTGG 2169
Db 2101 AAATAAGAAAAAAGCAGACAGAAATGTTTAACTGTTTGACTCTTATGATACCTCTTGG 2160
Qy 2170 AAATAAGCAATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGTCTTTCATAGCA 2229
Db 2161 AAATAAGCAATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGTCTTTCATAGCA 2220
Qy 2230 AACTGTGATATTT-AATTCTTGTATAATAA 2260
Db 2221 AACTGTGATATTAATTTCTTGTATAATAA 2252

RESULT 47

ABX14779
ID ABX14779 standard; cDNA; 2365 BP.

XX AC ABX14779;
XX DT 02-APR-2003 (first entry)
XX DE cDNA encoding novel human EGF-motif containing protein EGFL6.
XX KW EGF; epidermal growth factor; cancer; lung cancer; brain cancer;
XX KW prostate cancer; breast cancer; skin cancer; lymphoma cancer;
XX KW sarcoma cancer; colon cancer; tumorigenicity; tumour site reduction;
XX KW cell proliferation inhibition; vaccine; antisense gene therapy; gene; ss;
XX KW human; EGFL6.

OS Homo sapiens.

XX FH Key Location/Qualifiers

XX CDS 205..1866

XX FT /*tag= a

XX FT /product= "EGFL6"

XX FT /note= "Novel human EGF-motif containing protein"

XX PN US2002132250-A1.

XX PD 19-SEP-2002.

XX PF 15-OCT-2001; 2001US-00981649.

XX PR 28-JUL-1999; 99US-00363316.

XX PR 13-OCT-2000; 2000US-00687860.

XX PA (FORD/) FORD J E.

XX PA (YEIN/) YEUNG G.

XX PA (ZHOU/) ZHOU H.

XX PI Ford JE, Yeung G, Zhou H;

XX DR WPI; 2003-174078/17.

XX DR P-PSDB; ABG72942.

XX PT Detecting cancerous cells expressing polynucleotides/polypeptides in

XX PT samples, by contacting samples with labeled polynucleotides complementary

XX PT to polynucleotide or an antibody against the polypeptide and detecting

XX PS Claim 1; Page 55-57; 78pp; English.

XX CC The invention describes a method of detecting a cancerous cell expressing

XX CC a polynucleotide (I) or a polypeptide (II) in a biological sample,

XX CC involving contacting the sample with a labelled polynucleotide,

XX CC complementary to (I) or an antibody or its fragment that specifically

XX CC binds to (II), for a period sufficient to form a complex and detecting

XX CC the complex, so that if a complex is detected, the cell is detected. The

XX CC method is useful for detecting cancerous cell in a biological sample such

XX CC as tissue, cell, blood, serum, lymphatic fluid, urine, and cerebrospinal

XX CC fluid. The cancerous cell is from lung, brain, prostate, breast, skin,

XX CC lymphoma, sarcoma and colon. Preferably the cancer cell is A549 cell, MCF

CC -7 cell or SK-N-Mc cell. PC1 and PC2 are useful for inhibiting EGF₁₆
 CC activity, inhibiting tumorigenicity, reducing tumor sites and inhibiting
 CC proliferation of a cancer cell. This sequence encodes the novel human EGF
 CC (epidermal growth factor) motif containing protein EGF₁₆
 CX Sequence 2365 BP; 707 A; 481 C; 586 G; 589 T; 0 U; 2 Other;
 XQ

2b	978	TTCTGCTATCCCTGAAAAATTTCTGTGAAGGAAGTCTCTCAGAGCACTCGTACCAATCAAGA	1037
2y	968	CAGAAATCAAGAAGTTGCTTCTCTCACAAAAACAGCATGAAAAGGAAGCAAAAATTAATAA	1027
2b	1038	CAGAAATCAAGAGTTGCTTCTCTCACAAAACAGCATGAAAAGGAAGCAAAAATTAATAA	1097
2y	1028	TGTTACCCAGAACCCACAGGACTCCTACCCCTAAGGTGAACCTTGACGCCCTTCAACTA	1087
2b	1098	TGTTACCCAGAACCCACAGGACTCCTACCCCTAAGGTGAACCTTGACGCCCTTCAACTA	1157
2y	1088	TGAAGAGATAGTTTCCAGAGCGCGGAACCTCATGAGGTAAAAAGGAAGTAAGAG-A	1146
2b	1158	TGAAGAGATAGTTTCCAGAGCGCGGAACCTCATGAGGTAAAAAGGAAGTAAGAGGA	1217
2y	1147	AATGAAAGAGGGGCTTGAGATCAGAAAAGAGAGAAAGCCCTGAGAAATGACATAGA	1206
2b	1218	AATGAAAGAGGGGCTTGAGATCAGAAAAGAGAGAAAGCCCTGAGAAATGACATAGA	1277
2y	1207	GGAGGAAGCTCGAGGAGATGTGTGTTCCTTAAGGTGAATGAAACAGGTGAATTCGG	1266
2b	1278	GGAGGAAGCTCGAGGAGATGTGTGTTCCTTAAGGTGAATGAAACAGGTGAATTCGG	1337
2y	1267	CCTGATTTCTGCTCAAAAGGAACGCGTAACCTTCCAAACTGGAACATAAAGATTTAAATAT	1326
2b	1338	CCTGATTTCTGCTCCAAAGGAACGCGTAACCTTCCAAACTGGAACATAAAGATTTAAATAT	1397
2y	1327	CTCGGTGACGTGACGCTTCAATCATGGGATCTGTGACTGGAACAGGNATGAGNAGTGA	1386
2b	1398	CTCGGTGACGTGACGCTTCAATCATGGGATCTGTGACTGGAACAGGNATGAGNAGTGA	1457
2y	1387	TTTTGACTGGAAATCCTCTCATCGAGATAATGCTATTTGGCTTCTATATGGCAGTTCGGC	1446
2b	1458	TTTTGACTGGAAATCCTCTCATCGAGATAATGCTATTTGGCTTCTATATGGCAGTTCGGC	1517
2y	1447	CTTGGCAGGTCAAGAAGAGACATTTGGCCGATTTGAAACTTCTCTCTACCTGACCTGCAACC	1506
2b	1518	CTTGGCAGGTCAAGAAGAGACATTTGGCCGATTTGAAACTTCTCTCTACCTGACCTGCAACC	1577
2y	1507	CCAAAGCAACTTCGTGTTGCTCTTTCATTACCGCTGCGCGAGACAAGTCGCGGAACCT	1566
2b	1578	CCAAAGCAACTTCGTGTTGCTCTTTCATTACCGCTGCGCGAGACAAGTCGCGGAACCT	1637
2y	1567	TCGAGTGTTTGTGAAAACAGTAAACAATGCCCTGGCATGGGAAGAGACCACGAGTGAGGA	1626
2b	1638	TCGAGTGTTTGTGAAAACAGTAAACAATGCCCTGGCATGGGAAGAGACCACGAGTGAGGA	1697
2y	1627	TGAAAGTGGGAACAGGGAATAATTCAGTTGTATCAAGGAATGATGCTACCAAAAGCAT	1686
2b	1698	TGAAAGTGGGAACAGGGAATAATTCAGTTGTATCAAGGAATGATGCTACCAAAAGCAT	1757
2y	1687	CATTTTTTGAAGCAAGCTGGCAAGGGCAAAAACCGCGAAATTCGCAGTGAGTGCGCTCTT	1746
2b	1758	CATTTTTTGAAGCAAGCTGGCAAGGGCAAAAACCGCGAAATTCGCAGTGAGTGCGCTCTT	1817
2y	1747	GCTTGTTTCAGGCTTATGTCCAGATAGCCCTTTATCTGTGGATGACTGAATGTTACTATC	1806
2b	1818	GCTTGTTTCAGGCTTATGTCCAGATAGCCCTTTATCTGTGGATGACTGAATGTTACTATC	1877
2y	1807	TTTTATTTGACTTTGTATGTCACTTCCCTGGTTTTTTTTTGATTTGCATCATAGGACCTC	1866
2b	1878	TTTTATTTGACTTTGTATGTCACTTCCCTGGTTTTTTTTTGATTTGSATCATAGGACCTC	1937
2y	1867	TGGCATTTTGAATAACT-AGCTGAAAATAATGTAAATGATACCAAGAAA-TATTATTGTA	1924
2b	1938	TGGCATTTTAAAAATTACTAAAGTGAATAATGTAAATGATACCAAGAAA-TATTATTGTA	1997
2y	1925	AGATGCCCTTCTGTATAAGATATGCCAATATTTGCTTTTAAATATCATATCACTGTATCT	1984
2b	1998	AGATGCCCTTCTGTATAAGATATGCCAATATTTGCTTTTAAATATCATATCACTGTATCT	2057
2y	1985	TCTCAGTCAATTTCTGAATCTTTTCNCATATATATATAAAATNTGAAAANGTCA-GTTTAT	2043
2b	2058	TCTCAGTCAATTTCTGAATCTTTTCACATATATATAAAATNTGAAAANGTCAAGTTTAT	2117

Qy	2044	CTCCCTCTCCNGTATATCTGATTGTGTATFANGTANGTCTTCTCTCTACAACT	2103		
Db	2118	CTCCCTCTCTCAGTATATCTGATTGTGTATAAGTAACTTGTATGAGCTTCTCTCTGCAACT	2177		
Qy	2104	TTCTAGAAAATAGAAAAAAGCACAGAGAAATGTTTAACTGTTTGCATCTTATGATACT	2163		
Db	2178	TTCTAGAAAATAGAAAAAAGCACAGAGAAATGTTTAACTGTTTGCATCTTATGATAGT	2237		
Qy	2164	TCTTGGAACTATGACATCAAGATAGACTTTTGCCTTAAGTGGCTTAGCTGGGTCTTTCA	2223		
Db	2238	TTTTGGAACTATGACATCAAGATAGACTTTTGCCTTAAGTGGCTTAGCTGGGTCTTTCA	2297		
Qy	2224	TAGCCAACTTGATATATTTTAACTTCTTGTAAATAATAA	2260		
Db	2298	TAGCCAACTTGATATATTTAAATCTTTGTAAATAATAA	2335		
RESULT 49					
AAD4343					
ID	AAD4343 standard; cDNA; 2365 BP.				
AC	AAD4343;				
DT	13-DEC-2002 (first entry)				
DE	Human epidermal growth factor (EGF)-repeat containing cDNA #4.				
KW	Human; antibody; epidermal growth factor; EGF repeat; brain tumour;				
KW	nervous disorder; ulcer; leukaemia; gene; ss.				
OS	Homo sapiens.				
Key	Location/Qualifiers				
FT	205..1866				
FT	/*tag= a				
FT	/product= "Human EGF-repeat containing protein"				
FT	205..267				
FT	/*tag= b				
FT	268..1863				
FT	/*tag= c				
FT	/product= "Mature human EGF-repeat containing protein"				
PN	US6392019-B1.				
XX					
PD	21-MAY-2002.				
XX					
PF	28-JUL-1999;	99US-00363316.			
PR	22-NOV-1997;	97US-00968800.			
PR	12-FEB-1999;	99US-00249697.			
XX					
PA	(FORD/) FORD J.				
PA	(YEUN/) YEUNG G.				
XX					
PI	Ford J, Yeung G;				
XX					
XX	WPI; 2002-424836/45.				
DR	P-PSDB; AAE26506.				
XX					
PT	Novel antibody specific for an epidermal growth factor repeat-containing				
PT	polypeptide, useful for the diagnosis of brain tumours, ulcers, leukemias,				
PT	and nervous disorders.				
XX					
PS	Example 2; Col 85-90; 92pp; English.				
XX					
CC	The invention relates to an antibody specific for a 537 residue epidermal				
CC	growth factor (EGF) repeat-containing polypeptide sequence. The invention				
CC	is used for detecting the presence of EGF repeat containing polypeptides				
CC	in a sample, in the diagnosis of brain tumours, nervous disorders,				
CC	ulcers, and leukemias. The present sequence is human EGF-repeat				
CC	containing cDNA				

2104 TTCTAGAAATAGAAAAAAGACACAGAAATGTTTAACTGTTTACCTTTATGATCT 2163
2178 TTCTAGAAATAGAAAAAAGACACAGAAATGTTTAACTGTTTACCTTTATGATCT 2237
2164 TCCTGGAACTATGACATCAAAAGATAGACTTTTGCCTTAAGTGGCTAGCTGGTCTTTCA 2223
2238 TTTTGGAACTATGACATCAAAAGATAGACTTTTGCCTTAAGTGGCTAGCTGGTCTTTCA 2297
2224 TAGCAAACTTGATATTTTAACTTTTGTAAATAA 2260
2298 TAGCAAACTTGATATTTAAATTTCTTTGTAAATAA 2335
RESULT 50
ACD25942
ID ACD25942 standard; cDNA; 2365 BP.
AC ACD25942;
QX
QY 01-SEP-2003 (first entry)
QZ
DE Epidermal growth factor motif protein EGFL6 cDNA #2.
KW Human; epidermal growth factor motif protein; EGFL6; cytostatic;
KW neuroprotective; antibacterial; antiparasitic; antilipemic;
KW antifertility; EGF-Agonist; EGF-Antagonist; cell growth; cancer;
KW neurodegenerative disorder; leukaemia; brain tumour; lung tumour;
KW breast tumour; gastrointestinal tumour; skin tumour; prostate tumour;
KW carcinoma; parasite; biorhythm; fertility; metabolism; catabolism;
KW anabolism; gene; ss.
QX
QZ Homo sapiens.
JS
KH Key Location/Qualifiers
FH 205..1863
FT CDS
FT /tag= a
FT /product= "EGFL6"
FT /note= "Epidermal growth factor motif protein"
FX
FN US2003036508-A1.
XX
XX 20-FEB-2003.
XX
XX 17-APR-2002; 2002US-00124986.
XX
XX 22-NOV-1997; 97US-00968800.
XX 12-FEB-1999; 99US-00249697.
XX 28-JUL-1999; 99US-00363316.
XX 13-OCT-2000; 2000US-00687850.
XX 15-OCT-2001; 2001US-00981649.
XX (FORD/) FORD J.
XX (YEUN/) YEUNG G.
XX (ZHOU/) ZHOU H.
XX
XX Ford J, Yeung G, Zhou H;
XX
XX WPI; 2003-492123/46.
XX P-PSDB; ABU52265.
XX
XX Stimulating cell growth by contacting the cell with an EGFL6 polypeptide,
XX useful for the diagnosis and treatment of cancers and neurodegenerative
XX disorders.
XX
XX Example 4; Page 63-65; 86pp; English.
XX
XX The invention describes a method of stimulating cell growth comprising
XX contacting the cell with an EGFL6 polypeptide having at least 90 %
XX sequence identity to a 553 amino acid sequence (S1), given in the
XX specification, or its variant and/or fragment lacking a C-terminal
XX portion of the EGFL6 polypeptide. The methods and compositions of the
XX present invention are useful for the diagnosis and treatment of cancers
XX and neurodegenerative disorders by stimulating cell growth. The cancers

CC include leukaemia, brain, lung, breast, gastrointestinal, skin and
CC prostate tumors and carcinomas. They can also be used in inhibiting the
CC growth of infectious agents and parasites, effecting bodily
CC characteristics and biorhythms, effecting fertility, metabolism
CC catabolism and anabolism of fats, vitamins, proteins and minerals, and
CC effecting behavioural characteristics. This sequence encodes novel human
CC epidermal growth factor motif protein EGFL6
XX
SQ Sequence 2365 BP; 707 A; 480 C; 586 G; 589 T; 0 U; 3 Other;
Query Match 96.1%; Score 2176.6; DB 8; Length 2365;
Best Local Similarity 99.0%; Pred. No. 0;
Matches 2235; Conservative 3; Mismatches 15; Indels 5; Gaps 5;
QY 8 GTGGGTGCGAGTGGAGCGGAGGACCGAGCGCTGAGGAGAGAGAGGCGGCGCTTAGC 67
DB 78 GTAACTCGAGTGGAGCGGAGGACCGAGCGCTGAGGAGAGAGAGGCGGCGCTTAGC 137
QY 68 TGCTACGGGTCCGGCGCGGCGCTCCCGAGGGGGCTCAGAGGAGGAGGAGGACCGG 127
DB 138 TGCTACGGGTCCGGCGCGGCGCTCCCGAGGGGGCTCAGAGGAGGAGGAGGACCGG 197
QY 128 TGCAGAGATGCTCTGCGCTGGAGCGCTTGGCTCCCGCTGCTCTCTCTCTCTCTCTCT 187
DB 198 TGCAGAGATGCTCTGCGCTGGAGCGCTTGGCTCCCGCTGCTCTCTCTCTCTCTCTCT 257
QY 188 TGGTTTCGGGAAACCGGCGGAGTCCAGGAGTACCGGGTTTGTAGCATCGGACGTCAGCC 247
DB 258 TGGTTTCGGGAAACCGGCGGAGTCCAGGAGTACCGGGTTTGTAGCATCGGACGTCAGCC 317
QY 248 TGGGTCTGTCTACTATGAACTAAACTGGCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 307
DB 318 TGGGTCTGTCTACTATGAACTAAACTGGCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 377
QY 308 GGGAGTCTGTGAAGCTACATGCCAACTGGATTAAGTTTGGTGGTGGGACCAA 367
DB 378 GGGAGTCTGTGAAGCTACATGCCAACTGGATTAAGTTTGGTGGTGGGACCAA 437
QY 368 CAATGCAGATGCTTCCAGGATACACCGGAAACCTGCAGTCAAGATGTGAATGAGTG 427
DB 438 CAATGCAGATGCTTCCAGGATACACCGGAAACCTGCAGTCAAGATGTGAATGAGTG 497
QY 428 TGGAAATGAAACCCCGGCGCATGCCAAACAGATGTGAATACACAGGAGCTTACAGTG 487
DB 498 TGGAAATGAAACCCCGGCGCATGCCAAACAGATGTGAATACACAGGAGCTTACAGTG 557
QY 488 CTCTTGGCTCAGTGGCCACATGCTCATGCCAGATGCTACGTGTGTGAACCTTAGGACATG 547
DB 558 CTCTTGGCTCAGTGGCCACATGCTCATGCCAGATGCTACGTGTGTGAACCTTAGGACATG 617
QY 548 TGCCATGATAAACTGTCTAGTACAGCTGTGAAGACACAGAAAGAGGCGCACAGTGCCTGTG 607
DB 618 TGCCATGATAAACTGTCTAGTACAGCTGTGAAGACACAGAAAGAGGCGCACAGTGCCTGTG 677
QY 608 TCCATCTCAGGACTCCG 667
DB 678 TCCATCTCAGGACTCCG 737
QY 668 TGCTCTCTGTTAAAGTCT 727
DB 738 TGCTCTCTGTTAAAGTCT 797
QY 728 CTACTGCAAAATGTACATCTGGTTTGCAGACTGCAATATATCATGAGGAGATGATGAT 767
DB 798 CTACTGCAAAATGTACATCTGGTTTGCAGACTGCAATATATCATGAGGAGATGATGAT 857
QY 788 AGATATAAATGAATGTACTATGATAGCTTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 847
DB 858 AGATATAAATGAATGTACTATGATAGCTTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 917
QY 848 TACCAAGAGGCT 907
DB 918 TACCAAGAGGCT 977

Qy	1995	TCTCAGTCATTTCTGAACTCTTCCNCATATATATATAAAATWTGGAAANGTCA-GTTTTAT	2046
Db	2058	TCTCAGTCATTTCTGAACTCTTCCCATATATATATAAAATATGGAATATGTCAGGTTTAT	2117
Qy	2044	CTCCCTCCCTCNGTATATATCTGATTTGTATANGTANGTTTCATGCTTCTCTCTACAACAT	2103
Db	2118	CTCCCTCCCTCAGTATATCTGATTTGTATAAGTAAGTTTGATGAGCTTCTCTCTGCAACAT	2177
Qy	2104	TTCTAGAAAATAGAAAAAAGCAGAGAAATGTTTAACTGTTTGACTCTTATGATACT	2163
Db	2178	TTCTAGAAAATAGAAAAAAGCAGAGAAATGTTTAACTGTTTGACTCTTATGATAGT	2237
Qy	2164	TCTTGGAAACTATGACATCAAGATAGACTTTTGGCTTAAGTGGCTTAGCTGGGCTCTTTCA	2223
Db	2238	TTTTGGAAACTATGACATCAAGATAGACTTTTGGCTTAAGTGGCTTAGCTGGGCTCTTTCA	2297
Qy	2224	TAGCAAACTGTATATTT-AACTCTTCTGAATAATAA	2260
Db	2298	TAGCAAACTGTATATTTAAATCTTTTGAATAATAA	2335
RESULT 51			
AAx79501			
ID	AAx79501	standard; DNA; 2365 BP.	
XX			
XX	AAx79501;		
XX			
XX	10-AUG-1999	(first entry)	
DE			
DE	CDNA	insert of clone pEGFR-HV2.	
XX			
KW	Epidermal	growth factor; EGF repeat domain; haematopoiesis regulator;	
KW	tissue	growth activity; activin; inhibin; chemotaxis; chemokinesis;	
KW	haemostasis;	thrombolysis; anti-inflammatory; leukaemia; anaemia;	
KW	immune	disorder; immune deficiency; nervous system disorder; therapy; ss.	
OS	Synthetic.		
XX			
PN	WO927096-A1.		
XX			
XX	03-JUN-1999.		
PD			
XX	23-NOV-1998;	98WO-US024524.	
XX			
PR	22-NOV-1997;	97US-00968800.	
XX			
PA	(HYSE-) HYSEQ	INC.	
XX			
PI	Drmanac RT, Crkvenjakov R, Dickson M, Drmanac S, Labat I;		
PI	Leshkowitz D, Kita D, Ford J;		
XX			
DR	WPI; 1999-370904/31.		
DR	P-PSDB; AAY18108.		
XX			
XX	New polypeptide	with epidermal growth factor repeat domains.	
PT			
PS	Claim 20; Fig 4;	96pp; English.	
XX			
CC	This sequence	represents the cDNA insert of clone pEGFR-HV2, and encodes	
CC	a polypeptide	of the invention, which has similarity to epidermal growth	
CC	factor (EGF) repeat	domains. The polypeptides and their compositions may	
CC	have haematopoiesis	regulating, tissue growth, activin/inhibin,	
CC	chemotactic/chemokinetic,	haemostatic, thrombolytic, receptor/ligand and	
CC	anti-inflammatory	activities. They may be used to treat leukaemias,	
CC	anaemias, immune	disorders and deficiencies and nervous system disorders.	
CC	They can be	used in screening assays to identify agents which bind to	
CC	them and the	nucleotide sequences can be used as probes for in situ	
CC	hybridisation. The	polypeptides and their polynucleotides can also be	
CC	used for other	therapeutic, diagnostic and research utilities	
XX			
XX	Sequence	2365 BP; 706 A; 481 C; 586 G; 588 T; 0 U; 4 Other;	

Query Match 96.2%; Score 2174.6; DB 2; Length 2365;

Best Local Similarity 98.9%; Pred. No. 0; Matches 2233; Conservative 4; Mismatches 16; Indels 5; Gaps 5;			
2Y	8	CTGGGTGCGAGCTGGAGCGGAGGCCGAGCGGCTTGAGGAGAGAGGCGCGGCTTTAGC	67
2b	78	GTAACCTGGAGCTGGAGCGGAGGCCGAGCGGCTTGAGGAGAGAGGCGCGGCTTTAGC	137
2Y	68	TGCTACGGGGTCCGGCCCGCGCCCTCCGAGGGGGCTCAGGAGGAGGAGGAGGCCCG	127
2b	138	TGCTACGGGGTCCGGCCCGCGCCCTCCGAGGGGGCTCAGGAGGAGGAGGAGGCCCG	197
2Y	128	TCCGAGATGCTCTGCTCCCTGGAGGCTTGCGCTCCCGCTGCTCTCTCTGGGTGCGAG	187
2b	198	TCCGAGATGCTCTGCTCCCTGGAGGCTTGCGCTCCCGCTGCTCTCTCTGGGTGCGAG	257
2Y	188	TGGTTTCCGGGACCGCGCCAGTCAAGGCGATCAGGGGTGTTAGCATCGGCACGTCAGCC	247
2b	258	TGGTTTCCGGGACCGCGCCAGTCAAGGCGATCAGGGGTGTTAGCATCGGCACGTCAGCC	317
2Y	248	TGGGTCTGTCTATGAACTAACTGGCCCTGCTGTACGGCTGGAGAGAAACAGCAA	307
2b	318	TGGGTCTGTCTATGAACTAACTGGCCCTGCTGTACGGCTGGAGAGAAACAGCAA	377
QY	308	GGGAGTCTGTGAAGCTACATGCGAACCTGGATGTAAGTTTGGTGAAGTGGGACCAA	367
Db	378	GGGAGTCTGTGAAGCTACATGCGAACCTGGATGTAAGTTTGGTGAAGTGGGACCAA	437
QY	368	CAATGCGAGATGCTTTCCAGGATACACCGGGAACCTGCGAGTCAAGATGTGAATGAGTG	427
Db	438	CAATGCGAGATGCTTTCCAGGATACACCGGGAACCTGCGAGTCAAGATGTGAATGAGTG	497
QY	428	TGGAATGAAACCCCGGCGCATGCGAACAGATGTGTGAATACACACGGAAGCTACAGTG	487
Db	498	TGGAATGAAACCCCGGCGCATGCGAACAGATGTGTGAATACACACGGAAGCTACAGTG	557
QY	488	CTTTTGCTCAGTGGCCACATGCTCATGCCAGATGCTACGTGTGTGAATCTTAGGACATG	547
Db	558	CTTTTGCTCAGTGGCCACATGCTCATGCCAGATGCTACGTGTGTGAATCTTAGGACATG	617
QY	548	TGCCATGATTAAGTCTGAGTACAGTGTGAAGACACAGAGAGGGGCCACAGTGCCTGTG	607
Db	618	TGCCATGATTAAGTCTGAGTGTGAAGACACAGAGAGGGGCCACAGTGCCTGTG	677
QY	608	TCCATCTCTCAGGACTCCGCTGGCCCAAAATGGAAGAGACTGTCTAGATATTGATGATG	667
Db	678	TCCATCTCTCAGGACTCCGCTGGCCCAAAATGGAAGAGACTGTCTAGATATTGATGATG	737
QY	668	TGCCCTGTGTAAGTCACTGTCCCTACAACTCGAGATGTGTGAACACATTTGGAGCTA	727
Db	738	TGCCCTGTGTAAGTCACTGTCCCTACAACTCGAGATGTGTGAACACATTTGGAGCTA	797
QY	728	CTACTGCAAAATGTCACATTTGGTTTCGAACCTGCAATATATCAGTGGAGATATGACTGTAT	787
Db	798	CTACTGCAAAATGTCACATTTGGTTTCGAACCTGCAATATATCAGTGGAGATATGACTGTAT	857
QY	788	AGATATAAATGATGATATATGATAGGATACATGTCGAGGACCAATGCTTCAAA	847
Db	858	AGATATAAATGATGATATATGATAGGATACATGTCGAGGACCAATGCTTCAAA	917
QY	848	TACCCAGGGTCTCTCAAGTGTAAATGCAAGCAGGATATAAAGGCAATGGACTTCGGTG	907
Db	918	TACCCAGGGTCTCTCAAGTGTAAATGCAAGCAGGATATAAAGGCAATGGACTTCGGTG	977
QY	908	TTCTGTCTATCCCTGAAATTTCTGGAAGAGTCTCTCAGAGACCTGGTACATCAAGA	967
Db	978	TTCTGTCTATCCCTGAAATTTCTGGAAGAGTCTCTCAGAGACCTGGTACATCAAGA	1037
QY	968	CAGAAATCAAGAGTTGCTTGTCTCAGAAACAGATGAAAGAGGAGGCAAAAATTAAGAA	1027
Db	1038	CAGAAATCAAGAGTTGCTTGTCTCAGAAACAGATGAAAGAGGAGGCAAAAATTAAGAA	1097
QY	1028	TGTTACCCAGAAACCCAGGAGCTCTTACCCTTAAGGTGAATTTGACGCCCTTCAACTA	1087

Db	1098	TGTTACCCAGAAACCCAGGAGCTCTTACCCTTAAGGTGAATTTGACGCCCTTCAACTA	1157
QY	1088	TGAAGAGATAGTTTCCAGAGCGGGAACTCTCATGAGGTAAATAAGGGAATGAAGAG-A	1146
Db	1158	TGAAGAGATAGTTTCCAGAGCGGGAACTCTCATGAGGTAAATAAGGGAATGAAGAGAA	1217
QY	1147	AATGAAGAGGGCTTGAGGATGAGAAAGAGAGAGAGAGAGCCCTGAAGATGACATAGA	1206
Db	1218	AATGAAGAGGGCTTGAGGATGAGAAAGAGAGAGAGAGCCCTGAAGATGACATAGA	1277
QY	1207	GGACGGAAGCTCTCGAGGAGATGTGTTTCCCTAAAGTGAATGAAGCAGGTGAATTCGG	1266
Db	1278	GGACGGAAGCTCTCGAGGAGATGTGTTTCCCTAAAGTGAATGAAGCAGGTGAATTCGG	1337
QY	1267	CCTGATTTCTGGTCAAAAGGAAAGCGCTTAATCTTCCAACTGGAACATAAGATTTAAATAT	1326
Db	1338	CCTGATTTCTGGTCAAAAGGAAAGCGCTTAATCTTCCAACTGGAACATAAGATTTAAATAT	1397
QY	1327	CTCGGTTGACTGCGAGCTTCAATCATGGGATCTGTGACTGCGAAACAGGATAGAGAGATGA	1386
Db	1398	CTCGGTTGACTGCGAGCTTCAATCATGGGATCTGTGACTGCGAAACAGGATAGAGAGATGA	1457
QY	1387	TTTTGACTGGAATCCTGCTGATCGAGATATGCTATTTGGCTTCTATATGGCAGTTCCGGC	1446
Db	1458	TTTTGACTGGAATCCTGCTGATCGAGATATGCTATTTGGCTTCTATATGGCAGTTCCGGC	1517
QY	1447	CTTGGCAGGTCAACAAGAAAGACATTTGSCCGATTGAAACTTCTCTACCTGACCTGCAACC	1506
Db	1518	CTTGGCAGGTCAACAAGAAAGACATTTGSCCGATTGAAACTTCTCTACCTGACCTGCAACC	1577
QY	1507	CCAAAGCAACTTCTGTTGCTCTTTGANTACCGGCTGGCGGAGACAAAGTGGGAAACT	1566
Db	1578	CCAAAGCAACTTCTGTTGCTCTTTGANTACCGGCTGGCGGAGACAAAGTGGGAAACT	1637
QY	1567	TCGAGTCTTTGTGAAACACAGTAACTGCTGCGATGCGGAGAGAACACACAGTGAAGGA	1626
Db	1638	TCGAGTCTTTGTGAAACACAGTAACTGCTGCGATGCGGAGAGAACACACAGTGAAGGA	1697
QY	1627	TGAAAGTGGGAAGACAGGGAATAATTCAGTTGATCAAGGAACTGATGCTACCAAAAGCAT	1686
Db	1698	TGAAAGTGGGAAGACAGGGAATAATTCAGTTGATCAAGGAACTGATGCTACCAAAAGCAT	1757
QY	1687	CATTTTGAAGCAAGCGTGGCAGGCAAAACCGGCAAACTCGAGTGGATGGCGCTTT	1746
Db	1758	CATTTTGAAGCAAGCGTGGCAGGCAAAACCGGCAAACTCGAGTGGATGGCGCTTT	1817
QY	1747	GCTTGTCTCAGGCTTATGTCCAGATAGCTTTTATCTGTGATGACTGAATGTTACTATC	1806
Db	1818	GCTTGTCTCAGGCTTATGTCCAGATAGCTTTTATCTGTGATGACTGAATGTTACTATC	1877
QY	1807	TTTATATTTGACTTTGATGTGCTGCTCCCTGGTTTTTTTGTATTTGCATCATAGGACCTC	1866
Db	1878	TTTATATTTGACTTTGATGTGCTGCTCCCTGGTTTTTTTGTATTTGCATCATAGGACCTC	1937
QY	1867	TGGCATTTTGAATTAAT-AGCTGAAATAATGTAATGTACCAACAGAAA-TATTTATTGA	1924
Db	1938	TGGCATTTTGAATTAATTAAGTGAATGTAATGTACCAACAGAAAATTTATTATTGA	1997
QY	1925	AGATGCCCTTCTGTGTAAGATGTCGAATTTGCTTTTAAATATCATATCAGTATCT	1984
Db	1998	AGATGCCCTTCTGTGTAAGATGTCGAATTTGCTTTTAAATATCATATCAGTATCT	2057
QY	1985	TCCTCAGTCAATTTCTGAACTCTTTCCNCAATATTATTAATAAATNTGAAANGTCA-GTTTTAT	2043
Db	2058	TCCTCAGTCAATTTCTGAACTCTTTCCNCAATATTATTAATAAATNTGAAANGTCA-GTTTTAT	2117
QY	2044	CTCCCTCCTCNGTATATCTGATTTGTATANGTGTGATGNGCTTCTCTTACAAAT	2103
Db	2118	CTCCCTCCTCAGTATATCTGATTTGTATAAGTGAATGATGAGCTTCTCTCTGCAACAT	2177
QY	2104	TTCTAGAAAATAGAAAAGGACAGAGAACTTTTAACTGTTTGACTCTTATGACT	2163
Db	2178	TTCTAGAAAATAGAAAAGGACAGAGAAATGTTTAACTGTTTGACTCTTATGATAGT	2237

1098	TGTTACCCAGAAACCCACACAGAGACTCTCTACCCCTAAGTGGTAACTTTGACAGCCCTTCAACTA	1157
1098	TAAGAGATAGTTTTCAGAGAGCGGGAACCTCATGAGAGTAAAAAGGAATGAAGAG-A	1146
1158	TCAGAGATAGTTTCCAGAGCGGGAACCTCTCATGAGGTAAAAAGGAATGAAGAGAA	1217
1147	AATGAAGAGAGGGCTTCAGAGATGAGAAAGAGAGAGAAAGCCCTGAAGATGACATAGA	1206
1218	AATGAAGAGAGGGCTTCAGAGATGAGAAAGAGAGAGAAAGCCCTGAAGATGACATAGA	1277
1207	GGAGCGAAGCCCTGCGAGAGAGATGTGTTTTTCCCTAAGGTGAATGAAGCAGGTGAATTCGG	1266
1278	GGAGCGAAGCCCTGCGAGAGAGATGTGTTTTTCCCTAAGGTGAATGAAGCAGGTGAATTCGG	1337
1267	CCTGATTTCTGGTCCAAAGGAAAGCGCTACTTCCAAAACCTGGAAACATAAAGATTTAAATAT	1326
1338	CCTGATTTCTGGTCCAAAGGAAAGCGCTAACTTCCAAAACCTGGAAACATAAAGATTTAAATAT	1397
1327	CTCGGTGACTGACGCTTCAATCATGGGATCTGTGACTGCGAAAACAGGATAGAGAAGATGA	1386
1398	CTCGGTGACTGACGCTTCAATCATGGGATCTGTGACTGCGAAAACAGGATAGAGAAGATGA	1457
1387	TTTTGACTTGGAAATCCTCTGATCGAGATAATGCTATTTGGCTTCTATATGGCAGTTCCGGC	1446
1458	TTTTGACTTGGAAATCCTCTGATCGAGATAATGCTATTTGGCTTCTATATGGCAGTTCCGGC	1517
1447	CTTGCAGGTCACAGAAAGACATATGCGCGATTTGAAACCTTCTCTACCTGACCTGCAACC	1506
1518	CTTGCAGGTCACAGAAAGACATATGCGCGATTTGAAACCTTCTCTACCTGACCTGCAACC	1577
1507	CAAAGCAACTTCTGTTTGCTCTTGTATACCGGCTGGCCGGAGACAAAGTCGGGAACT	1566
1578	CAAAGCAACTTCTGTTTGCTCTTGTATACCGGCTGGCCGGAGACAAAGTCGGGAACT	1637
1567	TCGAGTGTGTTGAAAAACAGTAACAAATGCCCTGGCATGGGAGAAAGACACAGTGAAGGA	1626
1638	TCGAGTGTGTTGAAAAACAGTAACAAATGCCCTGGCATGGGAGAAAGACACAGTGAAGGA	1697
1627	TGAAAGTGGAAAGACAGGGAATAATTCAGTTGTATCAAGGAACGTATGTGTACCAAAAGCAT	1686
1698	TGAAAGTGGAAAGACAGGGAATAATTCAGTTGTATCAAGGAACGTATGTGTACCAAAAGCAT	1757
1687	CATTTTTGAAGCAAGACGTGGCAAGGCAAAACCCGGCGAAATTCGAGTGGATGGCGTCTT	1746
1758	CATTTTTGAAGCAAGACGTGGCAAGGCAAAACCCGGCGAAATTCGAGTGGATGGCGTCTT	1817
1747	GCTTGTTCAGGCTTATGTCCAGATAGCCTTTTATCTGTGGATGACTCAATGTTTACTATTC	1806
1818	GCTTGTTCAGGCTTATGTCCAGATAGCCTTTTATCTGTGGATGACTCAATGTTTACTATTC	1877
1807	TTTATATTGATCTTTGATGTTCAGTTCCCTGGTTTTTTTGTGATTTGATTCATAGGACCTC	1866
1878	TTTATATTGATCTTTGATGTTCAGTTCCCTGGTTTTTTTGTGATTTGATTCATAGGACCTC	1937
1867	TGGCAATTTTACAAATTAATTCAGTGAAGAAATTTGATGTACCAACAGAAATTTATTGTA	1924
1938	TGGCAATTTTACAAATTTGATGTACCAACAGAAATTTGATGTACCAACAGAAATTTATTGTA	1997
1925	AGATGCCCTTCTTGATAAGATATGCCAATATTGCTTTTAAATATCATATCACTGTATCT	1984
1998	AGATGCCCTTCTTGATAAGATATGCCAATATTGCTTTTAAATATCATATCACTGTATCT	2057
1985	TCCTAGTCAATTTCTGAAATCTTTCCNCAATATATTATTAATAATTTGGAANGTCA-GTTTAT	2043
2058	TCTCAGTCAATTTCTGAAATCTTTCCNCAATATATTATTAATAATTTGGAANGTCACTGAT	2117
2044	CTCCGCCCTCTCNGTATATCTGATTTGTATANGTANGTGTGATGNGCTTCTCTCTACAACAT	2103
2118	CTCCGCCCTCTCAGTATATCTGATTTGTATAGTGAAGTTCGATGAGCTTCTCTCTGCAACAT	2177
2104	TTCTAGAAAAATAGAAAAAAGACACAGAGAAATGTTTAACTGTTTGACTCTTATGATCT	2163
2178	TTCTAGAAAAATAGAAAAAAGACACAGAGAAATGTTTAACTGTTTGACTCTTATGATGAGT	2237

Qy	2164	TTCTGGAAACTATGACATCAAAAGATAGACTTTTGGCTAGTGCGCTAGCTGGCTTTTCA	2222
Db	2238	TTTTCGAAACTATGACATCAAAAGATAGACTTTTGGCTAAGTGGCTTAGCTGGGCTTTTCA	2297
Qy	2224	TAGCCAAACTTGTATATT-AAITCTTTCGTAATAATAA	2360
Db	2298	TAGCCAAACTTGTATATTAAATCTTTCGTAATAATAA	2335
RESULT 53			
AAAD44332	AAD44332 standard; cDNA; 2365 BP.		
XX AC	AAD44332;		
XX XX	13-DEC-2002 (first entry)		
XX XX	Human epidermal growth factor (EGF)-repeat containing cDNA #3.		
DE XX	Human; antibody; epidermal growth factor; EGF repeat; brain tumour;		
KW KW	nervous disorder; ulcer; leukaemia; gene; ss.		
XX XX	Homo sapiens.		
XX XX			
FH Key	Location/Qualifiers		
FT CDS	205..1866		
FT FT	/*tag= a		
FT FT	/product= "Human EGF-repeat containing protein"		
FT FT	/transl_except= (pos:1273..1275, aa:Xaa)		
FT FT	/note= "Xaa can be any amino acid"		
FT FT	205..267		
FT FT	/*tag= b		
FT FT	268..1863		
FT FT	/*tag= c		
FT FT	/product= "Mature human EGF-repeat containing protein"		
XX PN	US6392019-B1.		
XX XX			
XX PD	21-MAY-2002.		
XX XX			
FF FF	28-JUL-1999; 99US-00363316.		
XX XX			
FF FF	22-NOV-1997; 97US-00968800.		
PR PR	12-FEB-1999; 99US-00246997.		
XX XX			
PA PA	(FORD/) FORD J.		
PA PA	(YEUN/) YEUNG G.		
XX XX			
FI FI	Ford J, Yeung G;		
XX XX			
XX DR	WPI; 2002-424836/45.		
XX DR	P-PSDB; AAE26500.		
XX DR			
PT PT	Novel antibody specific for an epidermal growth factor repeat-containing polypeptide, useful for the diagnosis of brain tumors, ulcers, leukemias, and nervous disorders.		
PT PT			
XX PS	Example 2; Fig 4; 92pp; English.		
XX PS			
XX CC	The invention relates to an antibody specific for a 537 residue epidermal growth factor (EGF) repeat-containing polypeptide sequence. The invention is used for detecting the presence of EGF repeat containing polypeptides in a sample, in the diagnosis of brain tumours, nervous disorders, ulcers, and leukaemias. The present sequence is human EGF-repeat containing cDNA		
XX CC			
XX SQ	Sequence 2365 BP; 706 A; 481 C; 586 G; 588 T; 0 U; 4 Other;		

Query Match 96.2%; Score 2174.6; DB 6; Length 2365;
Best Local Similarity 98.9%; Pred. No. 0;
Matches 2233; Conservative 4; Mismatches 16; Indels 5;

Db 2238 TTTTGGAACTATGACATCAAGATAGACTTTTGCTTAAGTGGCTTAGCTGGTCTTTCA 2297
Qy 2224 TAGCCAACTTGATATTTT-AAATCTTTGTAATAATAA 2260
Db 2298 TAGCCAACTTGATATTTTAAATCTTTGTAATAATAA 2335

RESULT 54
ABX14768
ID ABX14768 standard; cDNA; 2365 BP.
XX
AC ABX14768;
DT 02-APR-2003 (first entry)
XX
DE cDNA encoding novel human EGF-motif containing protein.
XX
KW EGF; epidermal growth factor; cancer; lung cancer; brain cancer;
KW prostate cancer; breast cancer; skin cancer; lymphoma cancer;
KW sarcoma cancer; colon cancer; tumorigenicity; tumour site reduction;
KW cell proliferation inhibition; vaccine; antisense gene therapy; gene; ss;
KW human.
XX
OS Homo sapiens.
XX
XX Key Location/Qualifiers
FH 205..1866
FT CDS /*tag= a
FT /product= "EGF-motif containing protein"
XX
XX US2002132250-A1.
XX
XX 19-SEP-2002.
XX
XX 15-OCT-2001; 2001US-00981649.
XX
XX 28-JUL-1999; 99US-00363316.
XX
XX 13-OCT-2000; 2000US-00687860.
XX
XX (FORD/) FORD J E.
XX (YEUN/) YEUNG G.
XX (ZHOU/) ZHOU H.
XX
XX Ford JE, Yeung G, Zhou H;
XX WPI; 2003-174078/17.
XX P-PSDB; ABG72935.
XX
XX Detecting cancerous cells expressing polynucleotides/polypeptides in
XX samples, by contacting samples with labeled polynucleotides complementary
XX to polynucleotide or an antibody against the polypeptide and detecting
XX complex formed.
XX
XX Example 4; Fig 4; 78pp; English.
XX
XX The invention describes a method of detecting a cancerous cell expressing
XX a polynucleotide (I) or a polypeptide (II) in a biological sample,
XX involving contacting the sample with a labelled polynucleotide
XX complementary to (I) or an antibody or its fragment that specifically
XX binds to (II), for a period sufficient to form a complex and detecting
XX the complex, so that if a complex is detected, the cell is detected. The
XX method is useful for detecting cancerous cell in a biological sample such
XX as tissue, cell, blood, serum, lymphatic fluid, urine, and cerebrospinal
XX fluid. The cancerous cell is from lung, brain, prostate, breast, skin,
XX lymphoma, sarcoma and colon. Preferably the cancer cell is A549 cell, MCF
XX -7 cell or SK-N-Mc cell. PC1 and PC2 are useful for inhibiting EGF16
XX activity, inhibiting tumorigenicity, reducing tumour sites and inhibiting
XX proliferation of a cancer cell. This sequence encodes the novel human EGF
XX (epidermal growth factor) motif containing protein
XX
XX Sequence 2365 BP; 706 A; 481 C; 586 G; 588 T; 0 U; 4 Other;

Query Match 96.2%; Score 2174.6; DB 7; Length 2365;

Best Local Similarity 98.9%; Pred. No. 0;
Matches 2233; Conservative 4; Mismatches 16; Indels 5; Gaps 5;
Qy 8 GTGGGTGGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGAGAGGCGGCGCTTAGC 67
Db 78 GTAACTGGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGAGAGGCGGCGCTTAGC 137
Qy 68 TGCTACGGGGTCCGGCGCGGCGCTCCCGAGGGGGCTCAGGAGGAGGAAGGAGCCCG 127
Db 138 TGCTACGGGGTCCGGCGCGGCGCTCCCGAGGGGGCTCAGGAGGAGGAAGGAGCCCG 197
Qy 128 TGGGAGAAATGCTCTGCGCTGGAGCTTGGCGTCCGCTGCTGCTCTCTCTGGTGGAGG 187
Db 198 TGGGAGAAATGCTCTGCGCTGGAGCTTGGCGTCCGCTGCTGCTCTCTCTGGTGGAGG 257
Qy 188 TGGTTTTCGGGAAACGGCGGCGGAGTGCAGGCTTGGTTTGTAGCATCGGCACTCAGCC 247
Db 258 TGGTTTTCGGGAAACGGCGGCGGAGTGCAGGCTTGGTTTGTAGCATCGGCACTCAGCC 317
Qy 248 TGGGGTCTGCTCACTATGAACTTAACTGGCTGCTGCTACGGCTGGAGAGAAACAGCAA 307
Db 318 TGGGGTCTGCTCACTATGAACTTAACTGGCTGCTGCTACGGCTGGAGAGAAACAGCAA 377
Qy 308 GGGAGTCTGTGAAGCTACATGCGAACTTGGATGTAAGTTTGGTGGTGGGACCAAA 367
Db 378 GGGAGTCTGTGAAGCTACATGCGAACTTGGATGTAAGTTTGGTGGTGGGACCAAA 437
Qy 368 CAAATGCGAGATGCTTTCAGGATACACCGGAAACCTGCGAGTCAAGATGGAATGAGTG 427
Db 438 CAAATGCGAGATGCTTTCAGGATACACCGGAAACCTGCGAGTCAAGATGGAATGAGTG 497
Qy 428 TGGAAATGAAACCCCGGCGCATGCCAACAGATGTGTAATACACACGGAAGCTACAAAGTG 487
Db 498 TGGAAATGAAACCCCGGCGCATGCCAACAGATGTGTAATACACACGGAAGCTACAAAGTG 557
Qy 488 CTTTGGCTCAGTGGCCACATGCTCATGCCAGATGCTACGTTGTGTAAGTCTAGGAATG 547
Db 558 CTTTGGCTCAGTGGCCACATGCTCATGCCAGATGCTACGTTGTGTAAGTCTAGGAATG 617
Qy 548 TGCCATGATAAATGCTCAGTGTGAGAGACACAGAGAGAGAGTGTCTAGATATGATGAATG 607
Db 618 TGCCATGATAAATGCTCAGTGTGAGAGACACAGAGAGAGAGTGTCTAGATATGATGAATG 677
Qy 608 TCCATCCTCAGAGTCCGCTGGCCCAATGGAAGAGAGTGTCTAGATATGATGAATG 667
Db 678 TCCATCCTCAGAGTCCGCTGGCCCAATGGAAGAGAGTGTCTAGATATGATGAATG 737
Qy 668 TGCCCTCTGTAAGTCACTCTCCCTACATCGAAGATGTGTGACACATTTGGAGCTA 727
Db 738 TGCCCTCTGTAAGTCACTCTCCCTACATCGAAGATGTGTGACACATTTGGAGCTA 797
Qy 728 CTACTGCAAAATGTCAATTTGGTTTTCGAACTGCAATATATCAGTGGAGCATATGACTGAT 787
Db 798 CTACTGCAAAATGTCAATTTGGTTTTCGAACTGCAATATATCAGTGGAGCATATGACTGAT 857
Qy 788 AGATATTAATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 847
Db 858 AGATATTAATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 917
Qy 848 TACCAGAGGTCCTTCAAGTGTAAATGCAAGCAGGATATAAAGGCAATGGACTTCGGTG 907
Db 918 TACCAGAGGTCCTTCAAGTGTAAATGCAAGCAGGATATAAAGGCAATGGACTTCGGTG 977
Qy 908 TTCTGCTATCCCTGAAATTTCTGTGAAGAGTCTCTCAGAGCACCTGGTACCATCAAGA 967
Db 978 TTCTGCTATCCCTGAAATTTCTGTGAAGAGTCTCTCAGAGCACCTGGTACCATCAAGA 1037
Qy 968 CAGAAATCAAGAAGTTGCTGTCTCAAAAACAGCATGAAAGAGGCAAAATTTAAAAA 1027
Db 1038 CAGAAATCAAGAAGTTGCTGTCTCAAAAACAGCATGAAAGAGGCAAAATTTAAAAA 1097
Qy 1028 TGTATCCCGAGACCCACAGGACTCTTACCCCTAAGTGAATTTGAGCCCTTCAACTA 1087

Db 1098 TGTTACCCAGAACCCACCAGGACTCCTA CCCCCTAAGGTGAACCTTGCAGCCCTTCAACTA 1157
Qy 1088 TGAAGAGATAGTTTCCAGAGCGGGAACCTCATGTGAGGTAAAAAGGGAATGAAGAG-A 1146
Db 1158 TGAAGAGATAGTTTCCAGAGCGGGAACCTCATGTGAGGTAAAAAGGGAATGAAGAGNA 1217
Qy 1147 AATGAAGAGGGGCTTGAGGATGAGAAAGAGAGAGAGAGCCCTGAAGATGACATAGA 1206
Db 1218 AATGAAGAGGGGCTTGAGGATGAGAAAGAGAGAGAGAGCCCTGAAGATGACATAGA 1277
Qy 1207 GGAGCGAAGCCCTGCGAGAGATGTGTTTTCCCTAAGGTGAATGAAGAGGTTGAATTCGG 1266
Db 1278 GGAGCGAAGCCCTGCGAGAGATGTGTTTTCCCTAAGGTGAATGAAGAGGTTGAATTCGG 1337
Qy 1267 CTTGATTTCTGCTCAAGAGGAAGCGCTTAACCTCCAACTGTGGAACATAAAGATTTAAATAT 1326
Db 1338 CTTGATTTCTGCTCAAGAGGAAGCGCTTAACCTCCAACTGTGGAACATAAAGATTTAAATAT 1397
Qy 1327 CTTGGTTGACTGTCAGCTTCAATCATGGCATCTGTGACTGGAAACAGATAGAGAGATGA 1386
Db 1398 CTTGGTTGACTGTCAGCTTCAATCATGGCATCTGTGACTGGAAACAGATAGAGAGATGA 1457
Qy 1387 TTTTGTGCTGAATCCTGCTGATCGAGATAAGCTATTGCTTCTATATGCGAGTTCCGCG 1446
Db 1458 TTTTGTGCTGAATCCTGCTGATCGAGATAAGCTATTGCTTCTATATGCGAGTTCCGCG 1517
Qy 1447 CTTGCGAGGTCACAGAAAGACATTTGGCCGATTTGAACTTCTCTACCTGACCTGCAACC 1506
Db 1518 CTTGCGAGGTCACAGAAAGACATTTGGCCGATTTGAACTTCTCTACCTGACCTGCAACC 1577
Qy 1507 CCAAAGCAACTTCGTTTGTCTTTTGTGATTAACCGGCTGGCGGAGACAAAGTCCGGAACCT 1566
Db 1578 CCAAAGCAACTTCGTTTGTCTTTTGTGATTAACCGGCTGGCGGAGACAAAGTCCGGAACCT 1637
Qy 1567 TCGAGTCTTTGTGAACAACAGTACATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1626
Db 1638 TCGAGTCTTTGTGAACAACAGTACATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1697
Qy 1627 TGAAGAGTGAAGACAGGGGAAATTCAGTTGTATCAAGGAACTGTGCTACCAAGAGCAT 1686
Db 1698 TGAAGAGTGAAGACAGGGGAAATTCAGTTGTATCAAGGAACTGTGCTACCAAGAGCAT 1757
Qy 1687 CATTTTGAAGCAGACGTGGCAGGGCAAAACCGGCGAAATCGCAGTGGATGGGCTCTT 1746
Db 1758 CATTTTGAAGCAGACGTGGCAGGGCAAAACCGGCGAAATCGCAGTGGATGGGCTCTT 1817
Qy 1747 GCTTGTTCAGGCTTATGCTCCAGATAGCCTTTTATCTGTGGATGACTGAATGTTACTATC 1806
Db 1818 GCTTGTTCAGGCTTATGCTCCAGATAGCCTTTTATCTGTGGATGACTGAATGTTACTATC 1877
Qy 1807 TTTATATTTGACTTTGATGTCAGTTCCCTGGTTTTTTTGTATGATTCATPAGACCTC 1866
Db 1878 TTTATATTTGACTTTGATGTCAGTTCCCTGGTTTTTTTGTATGATTCATPAGACCTC 1937
Qy 1867 TGGCATTTTGAATTAAT-AGCTGAAATAATGTAATGTACCAACAGAAA-TATTATTGTA 1924
Db 1938 TGGCATTTTGAATTAATTAAGCTGAAATTTGTAATGTACCAACAGAAATTAATTGTA 1997
Qy 1925 AGATGCTTTCTGTATGATATGCAATTTGCTTTTAAATATCATATCATCTATCT 1984
Db 1998 AGATGCTTTCTGTATGATATGCAATTTGCTTTTAAATATCATATCATCTATCT 2057
Qy 1985 TCTCAGTCATTTCTGATCTTTCCCATATATATATAAATNTGGAANGTCA-GTTTAT 2043
Db 2058 TCTCAGTCATTTCTGATCTTTCCCATATATATATAAATNTGGAANGTCAAGTTTAT 2117
Qy 2044 CTCCCTCTCTGATATCTGATTTGTATFANGTGTGATGCTTCTCTCTACAAAT 2103
Db 2118 CTCCCTCTCTGATATCTGATTTGTATFANGTGTGATGCTTCTCTCTGCAACAT 2177
Qy 2104 TTCTAGAAATAGAAAAGACAGAGAAATTTTAACTTTTGACTTTTGAATGATCT 2163
Db 2178 TTCTAGAAATAGAAAAGACAGAGAAATTTTAACTTTTGACTTTTGAATGATGAT 2237

Qy 2164 TCTTGGAACTATGATCATCAAGATAGACTTTTGGCTTAAGTGGCTTAGCTGGCTTTTCA 2223
Db 2238 TTTTGGAACTATGATCATCAAGATAGACTTTTGGCTTAAGTGGCTTAGCTGGCTTTTCA 2297
Qy 2224 TAGCCAAACTGTATATTT-AACTTTTGTATAATAA 2260
Db 2298 TAGCCAAACTGTATATTTAAATTTCTTTGTATAATAA 2335

RESULT 55
ACD25931
ID ACD25931 standard; cDNA; 2365 BP.
XX
AC ACD25931;
XX
DT 01-SEP-2003 (first entry)
XX
DE Epidermal growth factor motif protein EGFL6 cDNA #1.
XX
KW Human; epidermal growth factor motif protein; EGFL6; cytostatic;
KW neuroprotective; antibacterial; antiparasitic; antilipemic;
KW antifertility; EGF-Agonist; EGF-Antagonist; cell growth; cancer;
KW neurodegenerative disorder; leukaemia; brain tumour; lung tumour;
KW breast tumour; gastrointestinal tumour; skin tumour; prostate tumour;
KW carcinoma; parasite; biorhythm; fertility; metabolism; catabolism;
KW anabolism; Gene; ss.
XX
OS Homo sapiens.
XX
FH Key Location/Qualifiers
CDS 205..1866
FT /tag= a
FT /product= "EGFL6"
FT /note= "Epidermal growth factor motif protein"
XX
FN US2003036508-A1.
XX
PD 20-FEB-2003.
XX
PP 17-APR-2002; 2002US-00124986.
XX
PR 22-NOV-1997; 97US-00968800.
PR 12-FEB-1999; 99US-00249697.
PR 28-JUL-1999; 99US-00363316.
PR 13-OCT-2000; 2000US-00687860.
PR 15-OCT-2001; 2001US-00981649.
XX
PA (FORD/) FORD J.
PA (YEUN/) YEUNG G.
PA (ZHOU/) ZHOU H.
XX
PI Ford J, Yeung G, Zhou H;
XX
WI: 2003-492123/46.
XX
P-PSDB; AB062258.
XX
PT Stimulating cell growth by contacting the cell with an EGFL6 polypeptide,
PT useful for the diagnosis and treatment of cancers and neurodegenerative
XX disorders.
XX
PS Example 2; Fig 4; 86pp; English.
XX
CC The invention describes a method of stimulating cell growth comprising
CC contacting the cell with an EGFL6 polypeptide having at least 90 %
CC sequence identity to a 553 amino acid sequence (S1), given in the
CC specification, or its variant and/or fragment lacking a C-terminal
CC portion of the EGFL6 polypeptide. The methods and compositions of the
CC present invention are useful for the diagnosis and treatment of cancers
CC and neurodegenerative disorders by stimulating cell growth. The cancers
CC include leukaemia, brain, lung, breast, gastrointestinal, skin and
CC prostate tumours and carcinomas. They can also be used in inhibiting the
CC growth of infectious agents and parasites, effecting bodily

CC characteristics and biorhythms, effecting fertility, metabolism
CC catabolism and anabolism of fats, vitamins, proteins and minerals, and
CC effecting behavioural characteristics. This sequence encodes novel human
CC epidermal growth factor motif protein EGFL6
XX
SQ Sequence 2365 BP; 706 A; 481 C; 586 G; 588 T; 0 U; 4 Other;

Query Match 96.2%; Score 2174.6; DB 8; Length 2365;
Best Local Similarity 98.9%; Pred. No. 0;
Matches 2233; Conservative 4; Mismatches 16; Indels 5; Gaps 5;
2Y 8 GTGGTGTGAGTGGAGCGGAGCCCGAGCGGCTGAGGAGAGAGAGCGCGCGCTTAGC 67
DB |||
78 GTAACCTGCGAGTGGAGCGGAGACCCGAGCGGCTGAGGAGAGAGCGCGCGCTTAGC 137
2Y 68 TGCTACGGGGTCCGCGCGCGCTCCGAGGGGGCTCAGGAGGAGGAGGAGGACCCG 127
DB |||
138 TGCTACGGGGTCCGCGCGCGCTCCGAGGGGGCTCAGGAGGAGGAGGAGGACCCG 197
2Y 128 TCGAGAAATGCTCTGCCCTGGAGCTTGGCGCTCCGCTGCTCTCTCTGGGTGGCAGG 187
DB |||
198 TCGAGAAATGCTCTGCCCTGGAGCTTGGCGCTCCGCTGCTCTCTCTGGGTGGCAGG 257
2Y 188 TGGTTTCGGGAACGGCGGCGAGTCAAGGCATCAGGGTTGTTAGCATCGGCAGCTGAGC 247
DB |||
258 TGGTTTCGGGAACGGCGGCGAGTCAAGGCATCAGGGTTGTTAGCATCGGCAGCTGAGC 317
2Y 248 TGGGTCTGTCTACTATGGAATTAACCTGGCTGTCTGCTACGGCTGGAGAGAAACAGCAA 307
DB |||
318 TGGGTCTGTCTACTATGGAATTAACCTGGCTGTCTGCTACGGCTGGAGAGAAACAGCAA 377
2Y 308 GGGAGTCTGTGAAGCTCATGCGAACCTGGAGTGAAGTTTGGTGGAGTGGGAGCCAAA 367
DB |||
378 GGGAGTCTGTGAAGCTCATGCGAACCTGGAGTGAAGTTTGGTGGAGTGGGAGCCAAA 437
2Y 368 CAAATGCGAGTCTTTCAGGATACACCGGAAACCTGCGAGTCAAGATGTGAATGAGTG 427
DB |||
438 CAAATGCGAGTCTTTCAGGATACACCGGAAACCTGCGAGTCAAGATGTGAATGAGTG 497
2Y 428 TCGAATGAACCCCGCGCATGCAACACAGATGTGGAATACACCGAGAGCTACAGTG 487
DB |||
498 TCGAATGAACCCCGCGCATGCAACACAGATGTGGAATACACCGAGAGCTACAGTG 557
2Y 488 CTTTTCGCTCAGTGCCACATGCTCATGCCAGATGCTACGTGTGTGAACCTTAGGACATG 547
DB |||
558 CTTTTCGCTCAGTGCCACATGCTCATGCCAGATGCTACGTGTGTGAACCTTAGGACATG 617
2Y 548 TGCATGATTAACCTGTCAGTACAGCTGTGAACACAGAGAGAGGCGCACAGTGCCTGTG 607
DB |||
618 TGCATGATTAACCTGTCAGTATAGCTGTGAAGACACAGAGAGAGGCGCACAGTGCCTGTG 677
2Y 608 TCCATCCTCAGGACTCCGCTGGCCCAAAATGGAAGAGACTGTCTAGATATTGATGAATG 667
DB |||
678 TCCATCCTCAGGACTCCGCTGGCCCAAAATGGAAGAGACTGTCTAGATATTGATGAATG 737
2Y 668 TGCCTCTGTTAAGTATCTGTCCTTCAATCGAAGATGTGTGAACACATTTGGAAGCTA 727
DB |||
738 TGCCTCTGTTAAGTATCTGTCCTTCAATCGAAGATGTGTGAACACATTTGGAAGCTA 797
2Y 728 CTACTGCAAACTGTCATTTGGTTTCGAATGCAATATATCAGTGGAGCATGATGACTGTAT 787
DB |||
798 CTACTGCAAACTGTCATTTGGTTTCGAATGCAATATATCAGTGGAGCATGATGACTGTAT 857
2Y 788 AGATATAAATGAATGTACTATGGATAGCCATAGTGGAGCCACCATGCCAATGCTTTCAA 847
DB |||
858 AGATATAAATGAATGTACTATGGATAGCCATAGTGGAGCCACCATGCCAATGCTTTCAA 917
2Y 848 TACCCAGGGTCTTCAAGTGTAAATGCAAGCAGGATATAAAGGCAATGGACTTCGGTG 907
DB |||
918 TACCCAGGGTCTTCAAGTGTAAATGCAAGCAGGATATAAAGGCAATGGACTTCGGTG 977
2Y 908 TTCTGCTATCTCCCTGAAATCTGTGAAAGGAGTCTCTCAGAGCACTGGTACCATCAAAGA 967
DB |||

DB 978 TTCTGCTATCCTCGAAATTTCTGTGAAGGAAGTCTCTCAGAGCACCTGGTACCATCAAAGA 1037
QY 968 CAGATCAAGAGTGTCTGCTCACAATAACACATGAAAGAGGCGCAAAATTTAAAA 1027
DB |||
1038 CAGATCAAGAGTGTCTGCTCACAATAACACATGAAAGAGGCGCAAAATTTAAAA 1097
QY 1028 TGTATCCCCAGAACCCACACAGGACTCCTACCCCTAAAGTGAACTTGCAGCCCTTCAACTA 1087
DB 1098 TGTATCCCCAGAACCCACACAGGACTCCTACCCCTAAAGTGAACTTGCAGCCCTTCAACTA 1157
QY 1088 TGAAGAGATAGTTTCCAGAGCGGGAACTCTCATGAGGTGTAATAAAGGAGATGAAG-A 1146
DB 1158 TGAAGAGATAGTTTCCAGAGCGGGAACTCTCATGAGGTGTAATAAAGGAGATGAAGAGAA 1217
QY 1147 AATGAAAGAGGGCTTTCAGGATGAGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1206
DB 1218 AATGAAAGAGGGCTTTCAGGATGAGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1277
QY 1207 GGAGGAAAGCCCTCGAGAGAGATGTGTTTCCCTTACCTTACCTTACCTTACCTTACCTTACCT 1266
DB 1278 GGAGGAAAGCCCTCGAGAGAGATGTGTTTCCCTTACCTTACCTTACCTTACCTTACCTTACCT 1337
QY 1267 CTTGATCTGCTCCAAAGGAAAGCGCTAACTTCCAACTGGAACATAAAGATTTAAATAT 1326
DB 1338 CTTGATCTGCTCCAAAGGAAAGCGCTAACTTCCAACTGGAACATAAAGATTTAAATAT 1397
QY 1327 CTCGGTGACTGAGAGCTTCAATCATAGGAGTCTGTGACTGGAAGAGAGAGAGAGAGAGAG 1386
DB 1398 CTCGGTGACTGAGAGCTTCAATCATAGGAGTCTGTGACTGGAAGAGAGAGAGAGAGAGAG 1457
QY 1387 TTTTGACTGGAATCCTGCTGATCGAGATATGCTTATTTGGCTTCTATATGGCAGTTCGGGC 1446
DB 1458 TTTTGACTGGAATCCTGCTGATCGAGATATGCTTATTTGGCTTCTATATGGCAGTTCGGGC 1517
QY 1447 CTTGGAGCTCACAAGAAAGACATTTGGCCGATTTGAAACTTCTCTTACCTGACCTGCAACC 1506
DB 1518 CTTGGAGCTCACAAGAAAGACATTTGGCCGATTTGAAACTTCTCTTACCTGACCTGCAACC 1577
QY 1507 CCAAAGCAACTTCTGTTGCTTCTTGTATACCGCTTGGCCGAGAGACAAAGTCCGGAAACT 1566
DB 1578 CCAAAGCAACTTCTGTTGCTTCTTGTATACCGCTTGGCCGAGAGACAAAGTCCGGAAACT 1637
QY 1567 TCGAGTGTGTTGTGAAAGACAGTAAACAATGCTTGGCATGGGAGAGAGAGAGAGAGAGAG 1626
DB 1638 TCGAGTGTGTTGTGAAAGACAGTAAACAATGCTTGGCATGGGAGAGAGAGAGAGAGAGAG 1697
QY 1627 TGAAGAGTGGAG 1686
DB 1698 TGAAGAGTGGAG 1757
QY 1687 CATTTTGAAGCAGAGCTGCGCAAGGGCAAAACCGCGAAATCCGAGTGGATGGCGCTTT 1746
DB 1758 CATTTTGAAGCAGAGCTGCGCAAGGGCAAAACCGCGAAATCCGAGTGGATGGCGCTTT 1817
QY 1747 GCTTGTTCAGGCTTATGTCAGATAGCTTTTATCTGTGGAGTACTGATGTACTATC 1806
DB 1818 GCTTGTTCAGGCTTATGTCAGATAGCTTTTATCTGTGGAGTACTGATGTACTATC 1877
QY 1807 TTTATATTGACTTTGATGTCAGTTCCTTGGTTTTTTCATATTGCTCATAGGAGCTTC 1866
DB 1878 TTTATATTGACTTTGATGTCAGTTCCTTGGTTTTTTCATATTGCTCATAGGAGCTTC 1937
QY 1867 TGGCATTTTAGAATTAAT-AGCTGAAAAATTTGAATGACCAACAGAAA-TATTATTGTA 1924
DB 1938 TGGCATTTTAGAATTAATTAAGCTGAAAAATTTGAATGACCAACAGAAAATTTATTATTGA 1997
QY 1925 AGATGCCCTTCTGTATAAGATATGCCAATTTTGTCTTTTAAATATCATATCACTGTATCT 1984
DB 1998 AGATGCCCTTCTGTATAAGATATGCCAATTTTGTCTTTTAAATATCATATCACTGTATCT 2057
QY 1985 TCTCAGTCAATTTCTGAATCTTTTCNCATTTATTTAAATNTGGAAANGTCA-GTTTTAT 2043
DB 2058 TCTCAGTCAATTTCTGAATCTTTTCCACATTTATTTAAAAATATGGAATGTCAGGTTTAT 2117

QY 807 ATGGATAGCCTACGTCAGCCACCATGCCAATTCCTCAATACCCCAAGGTCCTTCAAG 866
DB
QY 865 ATGGATAGCCTACGTCAGCCACCATGCCAATTCCTCAATACCCCAAGGTCCTTCAAG 924
DB
QY 867 TGTAAATCAAGCAGGGATATAAAGGCAATGAGCTTCGGTGTTCGTATCCCTGAAAAT 926
DB
QY 925 TGTAAATCAAGCAGGGATATAAAGGCAATGAGCTTCGGTGTTCGTATCCCTGAAAAT 984
QY 927 TCTGTGAAGGAAGTCTCTCAGAGCACCCTGGTACCATTCAAGACAGAAATCAAGAGTTCCTT 986
DB
QY 985 TCTGTGAAGGAAGTCTCTCAGAGCACCCTGGTACCATTCAAGACAGAAATCAAGAGTTCCTT 1044
QY 987 GGTCAAAAAACAGCATGAAAAAGGCAAAAATTAATAATTTATCCCAAGACCCCAAC 1046
DB
QY 1045 GGTCAAAAAACAGCATGAAAAAGGCAAAAATTAATAATTTATCCCAAGACCCCAAC 1104
QY 1047 AGGACTCTTACCCCTTAAGTGAACCTTGAGAGCCTTCAACTATGAAGAGATAGTTTCCAGA 1106
DB
QY 1105 AGGACTCTTACCCCTTAAGTGAACCTTGAGAGCCTTCAACTATGAAGAGATAGTTTCCAGA 1164
QY 1107 GCGGGAACTCTCATGGAGGTAAAAAGGGAATGAAGAG - AAATGAAGAGGGCTTTGAG 1165
DB
QY 1165 GCGGGAACTCTCATGGAGGTAAAAAGGGAATGAAGAG - AAATGAAGAGGGCTTTGAG 1224
QY 1166 GATGAGAAAGAGAGAGAAAGCCCTGAGATGACATAGAGGAGCGAGCCTCGAGGA 1225
DB
QY 1225 GATGAGAAAGAGAGAGAAAGCCCTGAGATGACATAGAGGAGCGAGCCTCGAGGA 1284
QY 1226 GATGTGTTTTTCCCTTAAGTGAATGAAGCAGGTGAATTCGGCCTGATTCCTGGTCAAAAGG 1285
DB
QY 1285 GATGTGTTTTTCCCTTAAGTGAATGAAGCAGGTGAATTCGGCCTGATTCCTGGTCAAAAGG 1344
QY 1286 AAAGCCCTTAACCTCCTCAACTGAAATGAAGATTAATAATTCCTGGTGAATTCAGCTTC 1345
DB
QY 1345 AAAGCCCTTAACCTCCTCAACTGAAATGAAGATTAATAATTCCTGGTGAATTCAGCTTC 1404
QY 1346 AATCATGGGATCTGTGACTGGAACAGATAGAGATGATTTTGACTGGAATTCCTGCT 1405
DB
QY 1405 AATCATGGGATCTGTGACTGGAACAGATAGAGATGATTTTGACTGGAATTCCTGCT 1464
QY 1406 GATCGAGATATGCTATGGCTTCTATATGGCAGTTCGGCCTGGCAGGTGCAAGAAA 1465
DB
QY 1465 GATCGAGATATGCTATGGCTTCTATATGGCAGTTCGGCCTGGCAGGTGCAAGAAA 1524
QY 1466 GACATTTGGCGATTGAAACTTCTCTACCTGACCTGCAACCCCAAGCAACTTCTGTTG 1525
DB
QY 1525 GACATTTGGCGATTGAAACTTCTCTACCTGACCTGCAACCCCAAGCAACTTCTGTTG 1584
QY 1526 CTCTTTGATTACCGGCTGGCGGAGACAAAGTCGGGAAACTTCGAGTGTGTTGAAAAAC 1585
DB
QY 1585 CTCTTTGATTACCGGCTGGCGGAGACAAAGTCGGGAAACTTCGAGTGTGTTGAAAAAC 1644
QY 1586 AGTAAACAATGCTGCGATGGGAGAGACACAGAGTGAGGATGAAAGTGAAGACAGGG 1645
DB
QY 1645 AGTAAACAATGCTGCGATGGGAGAGACACAGAGTGAGGATGAAAGTGAAGACAGGG 1704
QY 1646 AAAATTCAGTTGTATCAAGAACTGATGCTACAAAGCATCATTTTGAAGCAGACGT 1705
DB
QY 1705 AAAATTCAGTTGTATCAAGAACTGATGCTACAAAGCATCATTTTGAAGCAGACGT 1764
QY 1706 GGCAGGGCAAAACCGGCAAAATCGCAGTGGATGGCTCTGCTGTTTTCAGGCTTATGT 1765
DB
QY 1765 GGCAGGGCAAAACCGGCAAAATCGCAGTGGATGGCTCTGCTGTTTTCAGGCTTATGT 1824
QY 1766 CCAGATAGCCCTTTATCTGTGGATGCTGAATGTTACTATCTTTTATTTGACTTTGAT 1825
DB
QY 1825 CCAGATAGCCCTTTATCTGTGGATGCTGAATGTTACTATCTTTTATTTGACTTTGAT 1884
QY 1826 GTCAGTTCCCTGCTTTTGTATGCTATGCTATAGACCTCTGCAATTTAGATTACTA 1885
DB
QY 1885 GTCAGTTCCCTGCTTTTGTATGCTATGCTATAGACCTCTGCAATTTAGATTACTA 1944

QY 1886 GCTGAAAAATTTGAATGTACCAACAGAAAATATTATTGTAGATGCCTTTCTGTATAAGA 1945
DB
QY 1945 GCTGAAAAATTTGAATGTACCAACAGAAAATATTATTGTAGATGCCTTTCTGTATAAGA 2004
QY 1946 TATGCCAATATTTCTTTAAATATATATCATCTGATATCTTCTCAGTCATTTCTGAATCTT 2005
DB
QY 2005 TATGCCAATATTTCTTTAAATATATATCATCTGATATCTTCTCAGTCATTTCTGAATCTT 2064
QY 2006 TCCCATTTATTTATAAAAATNTGGAAANGTCAGTTTATCTCCCTCTCTCNGTATATCTGA 2065
DB
QY 2065 TCCCATTTATTTATAAAAATNTGGAAANGTCAGTTTATCTCCCTCTCTCAGTATATCTGA 2124
QY 2066 TTGTATATANGTGTGATNGCTTCTCTCTACACATTTCTTAGAAAATAGAAAAAAG 2125
DB
QY 2125 TTGTATATAGTAAAGTGTGATGAGCTTCTCTCTACACATTTCTTAGAAAATAGAAAAAAG 2184
QY 2126 CACAGAGAAAATGTTTAACTGTTTGACTCTTATGATATCTTCTGAAAATCATGACATCA 2185
DB
QY 2185 CACAGAGAAAATGTTTAACTGTTTGACTCTTATGATATCTTCTGAAAATCATGACATCA 2244
QY 2186 GATGACATTTTGCCTTAAGTGGCTTAGCTGGGTCTTTTCATAGCCAAACTTGTATATTT-AA 2244
DB
QY 2245 GATGACATTTTGCCTTAAGTGGCTTAGCTGGGTCTTTTCATAGCCAAACTTGTATATTTAAA 2304
QY 2245 TTCTTTTGAATAATAA 2260
DB
QY 2305 TTCTTTTGAATAATAA 2320

RESULT 59
AAL43904

ID AAL43904 standard; cDNA; 2360 BP.

XX AAL43904;

XX DT 19-SEP-2002 (first entry)

XX Human EGF motif-containing protein coding sequence, SEQ ID NO 27.

XX Human; gene; ss; epidermal growth factor motif; EGF motif; EGFL6;
XX epithelial tissue growth; tissue repair; tissue regeneration;
XX corneal transplant healing; skin graft; wound healing; cancer; leukaemia;
XX nervous system disorder; infection; autoimmune disorder; inflammation;
XX multiple sclerosis; anaemia; periodontal disease; haemophilia;
XX fertility enhancement.

XX Homo sapiens.

XX Key Location/Qualifiers

XX CDS 190..1869

XX FT /*tag= a

XX FT /product= "Human EGF motif-containing protein SEQ ID #28"

XX WO200230977-A2.

XX PN 18-APR-2002.

XX PF 15-OCT-2001; 2001WO-US032257.

XX PR 13-OCT-2000; 2000US-00687860.

XX (HYSE-) HYSEQ INC.

XX Asundi V, Ford JE, Drmanac RT, Liu C, Yamasaki V, Yeung G;

XX Tang TY, Zhang J, Zhou P, Zhou H;

XX WPI; 2002-426270/45.

XX P-PSDB; AAO15369.

XX Novel isolated epidermal growth factor motif polypeptide, termed EGFL6,
XX for treating cancer, nervous system disorders, immune deficiencies,
XX autoimmune disorders, coagulation disorders and inflammatory conditions.

XX

QY 732 TGCAGATGTCACATTTGGTTTCGAACTGCAATATATATCAGTGCACGATATGACTGTATAGAT 791
DB 805 TGCAGATGTCACATTTGGTTTCGAACTGCAATATATATCAGTGCACGATATGACTGTATAGAT 864
QY 792 ATAAATGAATGTACTATGATAGCCATAGTGCACGCCACCATGCCAATGTCTTCAATACC 851
DB 865 ATAAATGAATGTACTATGATAGCCATAGTGCACGCCACCATGCCAATGTCTTCAATACC 924
QY 852 CAAGGTCCTTCAAGTGTAAATGCAAGCAGGATATAAAGGCAATGGACTTCGGTGTCT 911
DB 925 CAAGGTCCTTCAAGTGTAAATGCAAGCAGGATATAAAGGCAATGGACTTCGGTGTCT 984
QY 912 GCTATCCCTGAAATTCCTGAGGAGTCCCTCAGACACCTGTGATACCATCAAGACAGA 971
DB 985 GCTATCCCTGAAATTCCTGAGGAGTCCCTCAGACACCTGTGATACCATCAAGACAGA 1044
QY 972 ATCAAGAAGTGTGCTGCTCACAAAAACAGCATGAAAAAGAGAGGCAAAAAATTAATAATGTT 1031
DB 1045 ATCAAGAAGTGTGCTGCTCACAAAAACAGCATGAAAAAGAGAGGCAAAAAATTAATAATGTT 1104
QY 1032 ACCCAGAACCCACAGGACTCTACCCCTTAGGTGAATCTGCAGCCCTTCAACTATGAA 1091
DB 1105 ACCCAGAACCCACAGGACTCTACCCCTTAGGTGAATCTGCAGCCCTTCAACTATGAA 1164
QY 1092 GAGATAGTTTCCAGAGGCGGAACTCTCATGAGGTAAAAAGGGAATGAAGAG-AAATG 1150
DB 1165 GAGATAGTTTCCAGAGGCGGAACTCTCATGAGGTAAAAAGGGAATGAAGAGAAATG 1224
QY 1151 AAAGAGGCTTGAGGATGAGAAAGAGAGAGAAAGCCCTGAAGATGACATAGAGGAG 1210
DB 1225 AAAGAGGCTTGAGGATGAGAAAGAGAGAGAAAGCCCTGAAGATGACATAGAGGAG 1284
QY 1211 CGAAGCTCCGAGGAGATGTTTTCCTAAGGTGAATGAAGCAGGTGAATTCGGCCTG 1270
DB 1285 CGAAGCTCCGAGGAGATGTTTTCCTAAGGTGAATGAAGCAGGTGAATTCGGCCTG 1344
QY 1271 ATTCTGGTCCAAAGGAAGCGCTAATCTCCAACTGGAACATGAAGATTTAAATATCTCG 1330
DB 1345 ATTCTGGTCCAAAGGAAGCGCTAATCTCCAACTGGAACATGAAGATTTAAATATCTCG 1404
QY 1331 GTTGACTGAGCTTCAATCATGGGATCTGTGACTGGAACAGGATGAGAGATGATTTT 1390
DB 1405 GTTGACTGAGCTTCAATCATGGGATCTGTGACTGGAACAGGATGAGAGATGATTTT 1464
QY 1391 GACTGGAATCTCTGATGAGATAATGCTATGCTTCTATATGGCAGTTTCGGCCCTG 1450
DB 1465 GACTGGAATCTCTGATGAGATAATGCTATGCTTCTATATGGCAGTTTCGGCCCTG 1524
QY 1451 GCAGGTCAAGAAGACATTCGCCGATGGAATCTCTACCTGACCTGCACACCCAA 1510
DB 1525 GCAGGTCAAGAAGACATTCGCCGATGGAATCTCTACCTGACCTGCACACCCAA 1584
QY 1511 AGCAATCTCTGTTGCTTCTGATACCGGCTGGCGGAGACAAAGTCGGAAACTTCGA 1570
DB 1585 AGCAATCTCTGTTGCTTCTGATACCGGCTGGCGGAGACAAAGTCGGAAACTTCGA 1644
QY 1571 GTGTTTGTGAAAAACAGTAACTGCTGCGATGGGAGAGACCAAGTGAAGATGAA 1630
DB 1645 GTGTTTGTGAAAAACAGTAACTGCTGCGATGGGAGAGACCAAGTGAAGATGAA 1704
QY 1631 AAGTGAAGACAGGGAATAATCAGTTGTATCAAGGAATGATGTACCAAGACATCAT 1690
DB 1705 AAGTGAAGACAGGGAATAATCAGTTGTATCAAGGAATGATGTACCAAGACATCAT 1764
QY 1691 TTTGAAGCAGAGCGTGGCAGGCGGAAAAACCGGCGAAATCGCAGTGGATGGCGTCTTCCT 1750
DB 1765 TTTGAAGCAGAGCGTGGCAGGCGGAAAAACCGGCGAAATCGCAGTGGATGGCGTCTTCCT 1824
QY 1751 GTTTCAGGCTTATGCCAGATAGCCTTTTATCTGTGGATGACTCAATGTTACTATCTTTA 1810
DB 1825 GTTTCAGGCTTATGCCAGATAGCCTTTTATCTGTGGATGACTCAATGTTACTATCTTTA 1884

QY 1811 TATTTGACTTTGTATGTCCAGTTCCTCGTGTGTTTTTTTATATGATCATAGGACCTCTGGC 1870
DB 1885 TATTTGACTTTGTATGTCCAGTTCCTCGTGTGTTTTTTTATATGATCATAGGACCTCTGGC 1944
QY 1871 AATTTAGAAATCTAGCTGAAAAATTTGAATGTATGTTACCAACAGAAATATATTGTAAGTGC 1930
DB 1945 AATTTAGAAATCTAGCTGAAAAATTTGAATGTATGTTACCAACAGAAATATATTGTAAGTGC 2004
QY 1931 CTTTCTTGTAAGAATATGCCAATATTTGCTTTAAATATCATATCATCTGTATCTCTCAG 1990
DB 2005 CTTTCTTGTAAGAATATGCCAATATTTGCTTTAAATATCATATCATCTGTATCTCTCAG 2064
QY 1991 TCATTTCTGAATCTTCCACATTTATATATAAATATGGAATGTCAGTTTATCTCCCT 2050
DB 2065 TCATTTCTGAATCTTCCACATTTATATATAAATATGGAATGTCAGTTTATCTCCCT 2124
QY 2051 CTTCTGATATCTGATTTGTATGATGTTGATGCTTCTCTACCAATTTCTAG 2110
DB 2125 CTTCTGATATCTGATTTGTATGATGTTGATGCTTCTCTACCAATTTCTAG 2184
QY 2111 AAATAGAAAAAAGCAGAGAAATGTTAACTGTTGACTCTTATGATACCTTCTTGA 2170
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XX AC ACD25945;
XX AC
DT 01-SEP-2003 (first entry)
XX
DE Novel epidermal growth factor motif protein EGFL6 related DNA #1.
XX
KW Human; epidermal growth factor motif protein; EGFL6; cytostatic;
KW neuroprotective; antibacterial; antiparasitic; antilipemic;
KW antiinfertility; EGF-Agonist; EGF-Antagonist; cell growth; cancer;
KW neurodegenerative disorder; leukaemia; brain tumour; lung tumour;
KW breast tumour; gastrointestinal tumour; skin tumour; prostate tumour;
KW carcinoma; parasite; biorhythm; fertility; metabolism; catabolism;
XX anabolism; gene; ss.
OS Homo sapiens.
XX
FH Key
FT CDS
FT Location/Qualifiers
FT 190..1869
FT /*tag= a
FT /product= "EGFL6 related protein"
FT /note= "Epidermal growth factor motif protein"
XX
XX US2003036508-A1.
XX
XX 20-FEB-2003.
XX
XX 17-APR-2002; 2002US-00124986.
XX
XX 22-NOV-1997; 97US-00968800.
XX 12-FEB-1999; 99US-00249697.
XX 28-JUL-1999; 99US-00363316.
XX 13-OCT-2000; 2000US-00687860.
XX 15-OCT-2001; 2001US-00961849.
XX
XX (FORD/) FORD J.
XX (YEUN/) YEUNG G.
PA

QY 802 TACTATGATAGCATACGTCAGCCACCATGCGCAATTCCTTCAATACCCCAAGGTCTCT 861
Db 1518 GTATCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1459
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QY 1861 GAGCTCTGCAATTTAGATTAAGTACTAGCTGAAAAATTTGTAATGTAACCAAGAAATATAT 1920

Db 438 GACCTCGGCAATTTAGAATTTACTAGCTGAAAAATTTGAATGTACCAACAGAAATATTAT 379
QY 1921 TGTAAAGATGCTTTCTTGTATTAAG-ATATGCCAATATTTGCTTTAAATATCATATCACTG 1979
Db 378 TGTAAAGATGCTTTCTTGTATTAAG-ATATGCCAATATTTGCTTTAAATATCATATCACTG 319
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QY 2040 TT----ATCTCCCTCTCTCNGTATAT-CTGATTGTATATGANGTGTGCTTCTCTCT 2094
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QY 2209 TAGCTGGTCTTTCTATGACCAAACTGTATATTT-AACTTTTGTAAATAA 2260
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ID AAI60098 standard; cDNA; 2238 BP.

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XX PI

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XX DR

XX DR

XX XX

XX PT

Human polynucleotide SEQ ID NO 4087.

Human; nootropic; immunosuppressant; cytostatic; gene therapy; cancer;
peripheral nervous system; neuropathy; central nervous system; CNS;
Alzheimer's; Parkinson's disease; Huntington's disease; haemostatic;
amyotrophic lateral sclerosis; Shy-Drager Syndrome; chemotactic;
chemokinetic; thrombolytic; drug screening; arthritis; inflammation;
leukemia; ss.

Homo sapiens.

WO200153312-A1.

26-JUL-2001.

26-DEC-2000; 2000WO-US034263.

23-DEC-1999; 99US-00471275.

21-JAN-2000; 2000US-00488725.

25-APR-2000; 2000US-00552317.

20-JUN-2000; 2000US-00598042.

19-JUL-2000; 2000US-00620312.

03-AUG-2000; 2000US-00653450.

14-SEP-2000; 2000US-00662191.

19-OCT-2000; 2000US-00693036.

29-NOV-2000; 2000US-00727344.

(HYSE-) HYSEQ INC.

Tang YT, Liu C, Asundi V, Chen R, Ma Y, Qian XB, Ren F, Wang D,

Wang J, Wang Z, Wehrman T, Xu C, xue AJ, Yang Y, Zhang J, Zhao QA;

Zhou P, Goodrich R, Drmanac RT;

WPI; 2001-442253/47.

P-PSDB; AAM40942.

Novel nucleic acids and polypeptides, useful for treating disorders such


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QY 1861 GACCTCTGGCATTTTAGAAATTACTAGCTGAAAAAATTGTAATGTACCAACAGAAATATTAT 1920
Db |||||
QY 438 GACCTCTGGCATTTTAGAAATTACTAGCTGAAAAAATTGTAATGTACCAACAGAAATATTAT 379
Db |||||
QY 1921 TGTAAGATGCCCTTCTTGATTAAG-ATATGCCAATATTTGCTTTAAATATCATATCACTG 1979
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109 2174.6 96.2 2365 9 US-09-981-649A-5 Sequence 5, Appl
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ALIGNMENTS

RESULT 1

US-09-978-295A-118

; Sequence 118, Application US/09978295A

; Patent No. US2002015606A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi

; APPLICANT: Baker Kevin P.

; APPLICANT: Botstein, David

; APPLICANT: Desnovers, Luc

; APPLICANT: Eaton, Dan

; APPLICANT: Ferrara, Napoleon

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Fong, Sherman

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, J. Christopher

; APPLICANT: Gurney, Austin L.

; APPLICANT: Hillan, Kenneth J.

; APPLICANT: Kijavir, Ivar J.

; APPLICANT: Kuo, Sophia S.

; APPLICANT: Napier, Mary A.

; APPLICANT: Pan, James

; APPLICANT: Paoni, Nicholas P.

; APPLICANT: Roy, Margaret Ann

; APPLICANT: Shelton, David L.

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Williams, P. Mickey

; APPLICANT: Wood, William I.

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; APPLICANT: Wood, William I.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C11
; CURRENT APPLICATION NUMBER: US/09/978,295A
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
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; PRIOR APPLICATION NUMBER: 60/077632
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; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/078004
; PRIOR FILING DATE: 1998-03-13
; PRIOR APPLICATION NUMBER: 60/078886
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078936
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
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; PRIOR FILING DATE: 1998-03-26
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; PRIOR APPLICATION NUMBER: 60/079689
; PRIOR FILING DATE: 1998-03-27
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; PRIOR APPLICATION NUMBER: 60/081049
; PRIOR FILING DATE: 1998-04-08

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RESULT 2

US-09-978-697-118
; Sequence 118, Application US/09978697

Patent No. US2002016

APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.

APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc

APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napolitano

APPLICANT: Fong Sherman

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerbert, Mary
; APPLICANT: Gerritsen, Mary
: APPLICANT: Goddard, Andrew

APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher

; AFFILIATE: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT:

APPLICANT: Kljavin, Ivar J

APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James

; AFFILIANT: Fall, James;
 ; APPLICANT: Paoni, Nicholas F.
 ; APPLICANT: Rev. Margaret Ann

APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.

; AFFILIANT: STEWART, TIMOTHY A.
 ; APPLICANT: TUMAS, Daniel
 ; APPLICANT: WILLIAMS, P. MICKEL

APPLICANT: WILLIAMS, F. MICKEY
APPLICANT: WOOD, WILLIAM I.
APPLICANT: WOOD, WILLIAM I.

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRAN
 ; TITLE OF INVENTION: ACIDS ENCODING THE SAME
 ; TITLE OF INVENTION: DOCCAD1027

FILE REFERENCE: P2630PIC27
CURRENT APPLICATION NUMBER: US/0

1 PRIOR APPLICATION NUMBER: 03/918585
2 PRIOR FILING DATE: 2001-07-30
3 PRIOR APPLICATION NUMBER: 60/062250
4 PRIOR FILING DATE: 1997-10-17
5 PRIOR APPLICATION NUMBER: 60/064249
6 PRIOR FILING DATE: 1997-11-03
7 PRIOR APPLICATION NUMBER: 60/085311
8 PRIOR FILING DATE: 1997-11-13
9 PRIOR APPLICATION NUMBER: 60/066364
10 PRIOR FILING DATE: 1997-11-21
11 PRIOR APPLICATION NUMBER: 60/077450
12 PRIOR FILING DATE: 1998-03-10
13 PRIOR APPLICATION NUMBER: 60/077632
14 PRIOR FILING DATE: 1998-03-11
15 PRIOR APPLICATION NUMBER: 60/077641
16 PRIOR FILING DATE: 1998-03-11
17 PRIOR APPLICATION NUMBER: 60/077649
18 PRIOR FILING DATE: 1998-03-11
19 PRIOR APPLICATION NUMBER: 60/077791
20 PRIOR FILING DATE: 1998-03-12
21 PRIOR APPLICATION NUMBER: 60/078004
22 PRIOR FILING DATE: 1998-03-13
23 PRIOR APPLICATION NUMBER: 60/078886
24 PRIOR FILING DATE: 1998-03-20
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RESULT 3

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; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Oiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC9
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Db 601 GCCTGTGCTCCATCTCTCAGGACTCCGCGCTGGCCCCCAAAATGGAAGAGACTGTCTAGATATTG 660
QY 661 ATGAATGTGCTCTGGTAAAGTCACTCTGCTCCATCAATCGAAGATGTGTAACACATTG 720
Db 661 ATGAATGTGCTCTGGTAAAGTCACTCTGCTCCATCAATCGAAGATGTGTAACACATTG 720
QY 721 GAAGCTACTACTGCAAAATGTCACTTTGGAACTGCAATATATCAGTGGACGATATG 780
Db 721 GAAGCTACTACTGCAAAATGTCACTTTGGAACTGCAATATATCAGTGGACGATATG 780
QY 781 ACTGTATAGATATAAATGAATGTACTATGATGACCATAGTGCAGGCCACCATGCCAATT 840

Db 781 ACTGTATAGATATAAATGAATGCTATGTGATAGCCATACGTCAGCCACCCATGCCCAATT 840
QY 841 GCTTCAATACCAAGGTCCTTCAAGTGTAAATGCAAGCAGGATATAAGGCAATGGAC 900
Db 841 GCTTCAATACCAAGGTCCTTCAAGTGTAAATGCAAGCAGGATATAAGGCAATGGAC 900
QY 901 TTCGGTGTCTCTATCCCTGAAATTCGTGAAGGAAGTCTCTCAGAGCACCTGGTACCA 960
Db 901 TTCGGTGTCTCTATCCCTGAAATTCGTGAAGGAAGTCTCTCAGAGCACCTGGTACCA 960
QY 961 TCAAGACAGAGATCAAGAGTGTCTTCAAAACAGACATGAAAGAGGCAAAAA 1020
Db 961 TCAAGACAGAGATCAAGAGTGTCTTCAAAACAGACATGAAAGAGGCAAAAA 1020
QY 1021 TTAATAATGTTACCCAGAACCCACAGGACTCTTACCCCTAAGGTGAATTTGAGGCCCT 1080
Db 1021 TTAATAATGTTACCCAGAACCCACAGGACTCTTACCCCTAAGGTGAATTTGAGGCCCT 1080
QY 1081 TCAACTATCAAGAGATAGTTCCAGAGGCGGAATCTCATGAGGTAAAGAGGGAATG 1140
Db 1081 TCAACTATCAAGAGATAGTTCCAGAGGCGGAATCTCATGAGGTAAAGAGGGAATG 1140
QY 1141 AAGAGAAATGAAGAGGGGCTTGAGGATGAGAAAGAGAGAAAGCCCTGAGAAATGA 1200
Db 1141 AAGAGAAATGAAGAGGGGCTTGAGGATGAGAAAGAGAGAAAGCCCTGAGAAATGA 1200
QY 1201 CATAGAGAGCGAAGCCTGCGAGGAGATGTGTTTTTCCCTAAGGTGAATGAAGCAGGTGA 1260
Db 1201 CATAGAGAGCGAAGCCTGCGAGGAGATGTGTTTTTCCCTAAGGTGAATGAAGCAGGTGA 1260
QY 1261 ATTCCGCTGATTTCTGTCCTCAAGAGAAAGCGCTAACTTCCAAAGCTGAAGATGAATTT 1320
Db 1261 ATTCCGCTGATTTCTGTCCTCAAGAGAAAGCGCTAACTTCCAAAGCTGAAGATGAATTT 1320
QY 1321 AAATATCTCGTGTACTCGAGCTTCAATCATGGGATCTGTGACTGGAAACAGGATAGAGA 1380
Db 1321 AAATATCTCGTGTACTCGAGCTTCAATCATGGGATCTGTGACTGGAAACAGGATAGAGA 1380
QY 1381 AGATGATTTGACTCGAATCCTGCTGATCGAGATAATGCTATTGGCTTCTATATGCGAGT 1440
Db 1381 AGATGATTTGACTCGAATCCTGCTGATCGAGATAATGCTATTGGCTTCTATATGCGAGT 1440
QY 1441 TCCGCGCTTGGCAGGTCAAGAAAGACATTTGGCGGATTTGAACTTCTCTCTGACCT 1500
Db 1441 TCCGCGCTTGGCAGGTCAAGAAAGACATTTGGCGGATTTGAACTTCTCTCTGACCT 1500
QY 1501 GCAACCCCAAGCACTTCTGTTGCTTTGATTAACCGGCTGCGGAGACAAAGTCGG 1560
Db 1501 GCAACCCCAAGCACTTCTGTTGCTTTGATTAACCGGCTGCGGAGACAAAGTCGG 1560
QY 1561 GAAACTTCGAGTGTGTTGTAAGAAACAGTAACAATGCCCTGATGGGAGAACCCAGAG 1620
Db 1561 GAAACTTCGAGTGTGTTGTAAGAAACAGTAACAATGCCCTGATGGGAGAACCCAGAG 1620
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Db 1681 AAGACTCATTTTTGAGCAGAACGTCGAGGCAAAACCGGCGAATTCGAGTGGATGG 1740
QY 1741 CGTCTGCTGTTTTCAGGCTTATGTCAGATAGCTTTTATCTGTGATGACCTGAATGTT 1800
Db 1741 CGTCTGCTGTTTTCAGGCTTATGTCAGATAGCTTTTATCTGTGATGACCTGAATGTT 1800
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Db 1801 ACTATCTTTATATTTGACTTGTATGTCAGTTCCTGCTTTTTTTTGTATTTGATCATATAG 1860
QY 1861 GACCTCTGCAATTTAGAAATTTACTAGCTGAAATTTGTAATGTACCAACAGAAATTTAT 1920
Db 1861 GACCTCTGCAATTTAGAAATTTACTAGCTGAAATTTGTAATGTACCAACAGAAATTTAT 1920

QY 1921 TGTAGATGCCCTTTCTTGTATAGATATGCCAATATTTGCTTTAAATATCATATCATCTGT 1980
Db 1921 TGTAGATGCCCTTTCTTGTATAGATATGCCAATATTTGCTTTAAATATCATATCATCTGT 1980
QY 1981 ATCTTCTCAGTCATTTCTTGAATCTTTCCNCATTTATATATAAAATNTGGAANGTCAGTT 2040
Db 1981 ATCTTCTCAGTCATTTCTTGAATCTTTCCNCATTTATATATAAAATNTGGAANGTCAGTT 2040
QY 2041 TATCTCCCTCCTCNGTATATATCTGATTTGTATANGTANGTGTGATGCTTCTCTACAA 2100
Db 2041 TATCTCCCTCCTCNGTATATATCTGATTTGTATANGTANGTGTGATGCTTCTCTACAA 2100
QY 2101 CATTTCTAGAAAAATAGAAAAAAGACAGAGAAATGTTTTAACTGTTTGAATCTTTATGAT 2160
Db 2101 CATTTCTAGAAAAATAGAAAAAAGACAGAGAAATGTTTTAACTGTTTGAATCTTTATGAT 2160
QY 2161 ACTTCTTGGAAACTATGACATCAAGATAGACTTTTGGCTTAAAGTGGCTTAGCTGGGTCTT 2220
Db 2161 ACTTCTTGGAAACTATGACATCAAGATAGACTTTTGGCTTAAAGTGGCTTAGCTGGGTCTT 2220
QY 2221 TCATAGCCAAACTTGTATATTTAATTTCTTTGTAATAATA 2260
Db 2221 TCATAGCCAAACTTGTATATTTAATTTCTTTGTAATAATA 2260

RESULT 4

US-09-999-832A-118
; Sequence 118, Application US/09999832A
; Publication No. US20020192706A1

GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas P.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

; TITLE OF INVENTION: Acids Encoding the Same

; FILE REFERENCE: P2630FIC83

; CURRENT APPLICATION NUMBER: US/09/999,832A

; CURRENT FILING DATE: 2001-10-24

; PRIOR APPLICATION NUMBER: 09/918585

; PRIOR FILING DATE: 2001-07-30

; PRIOR APPLICATION NUMBER: 60/062250

; PRIOR FILING DATE: 1997-10-17

; PRIOR APPLICATION NUMBER: 60/064249

; PRIOR FILING DATE: 1997-11-03

; PRIOR APPLICATION NUMBER: 60/065311

; PRIOR FILING DATE: 1997-11-13

; PRIOR APPLICATION NUMBER: 60/066364

; PRIOR FILING DATE: 1997-11-21

1	PRIOR APPLICATION NUMBER: 60/077450	1	PRIOR FILING DATE: 1998-04-15
2	PRIOR FILING DATE: 1998-03-10	2	PRIOR APPLICATION NUMBER: 60/081838
3	PRIOR APPLICATION NUMBER: 60/077632	3	PRIOR FILING DATE: 1998-04-15
4	PRIOR FILING DATE: 1998-03-11	4	PRIOR APPLICATION NUMBER: 60/082568
5	PRIOR APPLICATION NUMBER: 60/077641	5	PRIOR FILING DATE: 1998-04-21
6	PRIOR FILING DATE: 1998-03-11	6	PRIOR APPLICATION NUMBER: 60/082569
7	PRIOR APPLICATION NUMBER: 60/077649	7	PRIOR FILING DATE: 1998-04-21
8	PRIOR FILING DATE: 1998-03-11	8	PRIOR APPLICATION NUMBER: 60/082704
9	PRIOR APPLICATION NUMBER: 60/077791	9	PRIOR FILING DATE: 1998-04-22
10	PRIOR FILING DATE: 1998-03-12	10	PRIOR APPLICATION NUMBER: 60/082804
11	PRIOR APPLICATION NUMBER: 60/078004	11	PRIOR FILING DATE: 1998-04-22
12	PRIOR FILING DATE: 1998-03-13	12	PRIOR APPLICATION NUMBER: 60/082700
13	PRIOR APPLICATION NUMBER: 60/078886	13	PRIOR FILING DATE: 1998-04-22
14	PRIOR FILING DATE: 1998-03-20	14	PRIOR APPLICATION NUMBER: 60/082797
15	PRIOR APPLICATION NUMBER: 60/078936	15	PRIOR FILING DATE: 1998-04-22
16	PRIOR FILING DATE: 1998-03-20	16	PRIOR APPLICATION NUMBER: 60/082796
17	PRIOR APPLICATION NUMBER: 60/078910	17	PRIOR FILING DATE: 1998-04-23
18	PRIOR FILING DATE: 1998-03-20	18	PRIOR APPLICATION NUMBER: 60/083336
19	PRIOR APPLICATION NUMBER: 60/078939	19	PRIOR FILING DATE: 1998-04-27
20	PRIOR FILING DATE: 1998-03-20	20	PRIOR APPLICATION NUMBER: 60/083322
21	PRIOR APPLICATION NUMBER: 60/079294	21	PRIOR FILING DATE: 1998-04-28
22	PRIOR FILING DATE: 1998-03-25	22	PRIOR APPLICATION NUMBER: 60/083392
23	PRIOR APPLICATION NUMBER: 60/079656	23	PRIOR FILING DATE: 1998-04-29
24	PRIOR FILING DATE: 1998-03-26	24	PRIOR APPLICATION NUMBER: 60/083495
25	PRIOR APPLICATION NUMBER: 60/079664	25	PRIOR FILING DATE: 1998-04-29
26	PRIOR FILING DATE: 1998-03-27	26	PRIOR APPLICATION NUMBER: 60/083496
27	PRIOR APPLICATION NUMBER: 60/079689	27	PRIOR FILING DATE: 1998-04-29
28	PRIOR FILING DATE: 1998-03-27	28	PRIOR APPLICATION NUMBER: 60/083499
29	PRIOR APPLICATION NUMBER: 60/079663	29	PRIOR FILING DATE: 1998-04-29
30	PRIOR FILING DATE: 1998-03-27	30	PRIOR APPLICATION NUMBER: 60/083545
31	PRIOR APPLICATION NUMBER: 60/079728	31	PRIOR FILING DATE: 1998-04-29
32	PRIOR FILING DATE: 1998-03-27	32	PRIOR APPLICATION NUMBER: 60/083554
33	PRIOR APPLICATION NUMBER: 60/079786	33	PRIOR FILING DATE: 1998-04-29
34	PRIOR FILING DATE: 1998-03-27	34	PRIOR APPLICATION NUMBER: 60/083558
35	PRIOR APPLICATION NUMBER: 60/079920	35	PRIOR FILING DATE: 1998-04-29
36	PRIOR FILING DATE: 1998-03-30	36	PRIOR APPLICATION NUMBER: 60/083559
37	PRIOR APPLICATION NUMBER: 60/079923	37	PRIOR FILING DATE: 1998-04-29
38	PRIOR FILING DATE: 1998-03-30	38	PRIOR APPLICATION NUMBER: 60/083500
39	PRIOR APPLICATION NUMBER: 60/080105	39	PRIOR FILING DATE: 1998-04-29
40	PRIOR FILING DATE: 1998-03-31	40	PRIOR APPLICATION NUMBER: 60/083742
41	PRIOR APPLICATION NUMBER: 60/080107	41	PRIOR FILING DATE: 1998-04-30
42	PRIOR FILING DATE: 1998-03-31	42	PRIOR APPLICATION NUMBER: 60/084366
43	PRIOR APPLICATION NUMBER: 60/080165	43	PRIOR FILING DATE: 1998-05-05
44	PRIOR FILING DATE: 1998-03-31	44	PRIOR APPLICATION NUMBER: 60/084414
45	PRIOR APPLICATION NUMBER: 60/080194	45	PRIOR FILING DATE: 1998-05-06
46	PRIOR FILING DATE: 1998-03-31	46	PRIOR APPLICATION NUMBER: 60/084441
47	PRIOR APPLICATION NUMBER: 60/080327	47	PRIOR FILING DATE: 1998-05-06
48	PRIOR FILING DATE: 1998-04-01	48	PRIOR APPLICATION NUMBER: 60/084637
49	PRIOR APPLICATION NUMBER: 60/080328	49	PRIOR FILING DATE: 1998-05-07
50	PRIOR FILING DATE: 1998-04-01	50	PRIOR APPLICATION NUMBER: 60/084639
51	PRIOR APPLICATION NUMBER: 60/080333	51	PRIOR FILING DATE: 1998-05-07
52	PRIOR FILING DATE: 1998-04-01	52	PRIOR APPLICATION NUMBER: 60/084640
53	PRIOR APPLICATION NUMBER: 60/080334	53	PRIOR FILING DATE: 1998-05-07
54	PRIOR FILING DATE: 1998-04-01	54	PRIOR APPLICATION NUMBER: 60/084598
55	PRIOR APPLICATION NUMBER: 60/081070	55	PRIOR FILING DATE: 1998-05-07
56	PRIOR FILING DATE: 1998-04-08	56	PRIOR APPLICATION NUMBER: 60/084600
57	PRIOR APPLICATION NUMBER: 60/081049	57	PRIOR FILING DATE: 1998-05-07
58	PRIOR FILING DATE: 1998-04-08	58	PRIOR APPLICATION NUMBER: 60/084627
59	PRIOR APPLICATION NUMBER: 60/081071	59	PRIOR FILING DATE: 1998-05-07
60	PRIOR FILING DATE: 1998-04-08	60	PRIOR APPLICATION NUMBER: 60/084643
61	PRIOR APPLICATION NUMBER: 60/081195	61	PRIOR FILING DATE: 1998-05-07
62	PRIOR FILING DATE: 1998-04-08	62	PRIOR APPLICATION NUMBER: 60/085339
63	PRIOR APPLICATION NUMBER: 60/081203	63	PRIOR FILING DATE: 1998-05-13
64	PRIOR FILING DATE: 1998-04-09	64	PRIOR APPLICATION NUMBER: 60/085338
65	PRIOR APPLICATION NUMBER: 60/081229	65	PRIOR FILING DATE: 1998-05-13
66	PRIOR FILING DATE: 1998-04-09	66	PRIOR APPLICATION NUMBER: 60/085323
67	PRIOR APPLICATION NUMBER: 60/081955	67	PRIOR FILING DATE: 1998-05-13
68	PRIOR FILING DATE: 1998-04-15	68	PRIOR APPLICATION NUMBER: 60/085582
69	PRIOR APPLICATION NUMBER: 60/081817	6	

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; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match 99.7%; Score 2253; DB 9; Length 2260;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGGACGGCTGGGTGAGTGGAGCGGAGCGGAGCGGCTGAGGAGAGGAGGCGGCG 60
DB 1 CGGACGGCTGGGTGAGTGGAGCGGAGCGGAGCGGCTGAGGAGAGGAGGCGGCG 60
QY 61 GCTTAGCTCTACGGGGTCCGGGCGGCGGCTCCCGAGGGGGCTCAGGAGGAGGAAGGA 120
DB 61 GCTTAGCTCTACGGGGTCCGGGCGGCGGCTCCCGAGGGGGCTCAGGAGGAGGAAGGA 120
QY 121 GGACCGCTGCGAGATGCTCTGCCCTGAGGCTTGCGCTCCCGCTGCTCTCTCTGGG 180
DB 121 GGACCGCTGCGAGATGCTCTGCCCTGAGGCTTGCGCTCCCGCTGCTCTCTCTGGG 180
QY 181 TGGCAGGTGGTTTCGGGAAACCGGCGGCTGAGGAGGATCAGGCTTGTAGCATCGGCAC 240
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QY 241 GTCAGCGTGGGTCTGCTACATGGAATGAACTGAACTGGCTGCTAGCGGTGAGGAAGAA 300
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QY 301 ACAGCAAGGGAGTCTGTGAAGCTACATCGAACTGGATGTAAGTTTGTGAGTGGCTGG 360
DB 301 ACAGCAAGGGAGTCTGTGAAGCTACATCGAACTGGATGTAAGTTTGTGAGTGGCTGG 360
QY 361 GACCAACCAATGAGATGCTTTCAGGATACACCGGGAACCTGCAAGTCAAGATGTA 420
DB 361 GACCAACCAATGAGATGCTTTCAGGATACACCGGGAACCTGCAAGTCAAGATGTA 420
QY 421 ATGAGTGTGGAAATGAAACCCCGGCGCATGCCAACACAGATGTGTAATACACAGGAAGCT 480
DB 421 ATGAGTGTGGAAATGAAACCCCGGCGCATGCCAACACAGATGTGTAATACACAGGAAGCT 480
QY 481 ACAAGTGTCTTTCAGTGGCCACATGCTCATGCCAGATGCTACGCTGTGTAAGTCTA 540
DB 481 ACAAGTGTCTTTCAGTGGCCACATGCTCATGCCAGATGCTACGCTGTGTAAGTCTA 540
QY 541 GGACATGGCCATGATAAATGTCAGTACAGCTGTGAGACACAGAGAGAGGGCCACAGT 600
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DB 1441 TCCGGCTTGGCAGGTCAAGAAAGACATGCGCGGATGAAACTTCTCTACCTGACCT 1500
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DB 1681 AAGCATCAATTTTGAAGCAGAACTGCAAGGGCAAAACCGGCGAAATCGCAGTGGATGG 1740
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DB 1801 ACTATCTTATATTTGACTTTGATGTCAGTTCCTGCTTTTTCATATTTGATATCATAG 1860
QY 1861 GACCTCTGGCAATTTAGAAATCTAGCTGAAAATTTGTAATGTACCAACAGAAATTTAT 1920
DB 1861 GACCTCTGGCAATTTAGAAATCTAGCTGAAAATTTGTAATGTACCAACAGAAATTTAT 1920
QY 1921 TGTAAAGTGCCTTTCTGTAATAGATATGCAATATTTGCTTTTAAATATCATATCACTGT 1980
DB 1921 TGTAAAGTGCCTTTCTGTAATAGATATGCAATATTTGCTTTTAAATATCATATCACTGT 1980

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DB 1981 ATCTTCTCAGTCATTTCTGAATCTTCCNCATTATATATAAATNTGGAANGTCAGTT 2040
QY 2041 TATCTCCCTCCCTCNGTATATCTGATTTGTATANGTANGTTGATNGCTTCTCTCTACAA 2100
DB 2041 TATCTCCCTCCCTCNGTATATCTGATTTGTATANGTANGTTGATNGCTTCTCTCTACAA 2100
QY 2101 CATTTCTAGAAAATAGAAAAAAGACAGAGAAATGTTTAACTGTTTGACCTTATGAT 2160
DB 2101 CATTTCTAGAAAATAGAAAAAAGACAGAGAAATGTTTAACTGTTTGACCTTATGAT 2160
QY 2161 ACTTCTTGAAACTATGACATCAAGATAGACTTTTGCCCTAAGTGCGCTTAGCTGGTCTT 2220
DB 2161 ACTTCTTGAAACTATGACATCAAGATAGACTTTTGCCCTAAGTGCGCTTAGCTGGTCTT 2220
QY 2221 TCATAGCCAAACTTGATATATTTAACTTTTGTAATAATA 2260
DB 2221 TCATAGCCAAACTTGATATATTTAACTTTTGTAATAATA 2260

RESULT 5

US-09-978-189-118
; Sequence 118, Application US/09978189
; Publication No. US20030004102A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C7
; CURRENT APPLICATION NUMBER: US/09/978,189
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641

; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/078004
; PRIOR FILING DATE: 1998-03-13
; PRIOR APPLICATION NUMBER: 60/078886
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078936
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
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;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085704
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 99.7%; Score 2253; DB 10; Length 2260;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGGTGGGTGCGAGTGGAGCGGAGGACCGGAGCGGCTGAGGAGAGAGAGGGGCG 60
DB 1 CGGACGGTGGGTGCGAGTGGAGCGGAGGACCGGAGCGGCTGAGGAGAGAGAGGGGCG 60

QY 61 GCTTAGCTGCTACGGGGTCCGGCCGGCCCTCCGAGGGGGCTCAGGAGGAGGAGGA 120
DB 61 GCTTAGCTGCTACGGGGTCCGGCCGGCCCTCCGAGGGGGCTCAGGAGGAGGAGGA 120

QY 121 GGACCCGTGCGAGAAATGCTCTGCGCTGGAGGCTTGGGCTCCCGCTGCTCTCTCTCTGGG 180
DB 121 GGACCCGTGCGAGAAATGCTCTGCGCTGGAGGCTTGGGCTCCCGCTGCTCTCTCTCTGGG 180

QY 181 TGGCAGGTGGTTTGGGAAACCGGCCAGTCAAGGATCAGGGTTGTTAGCATCGGCAC 240
DB 181 TGGCAGGTGGTTTGGGAAACCGGCCAGTCAAGGATCAGGGTTGTTAGCATCGGCAC 240

QY 241 GTGAGCTGGGGTCTGTCACTATGAACTAACTGGGCTGCTGCTACGGCTGGAAGAA 300
DB 241 GTGAGCTGGGGTCTGTCACTATGAACTAACTGGGCTGCTGCTACGGCTGGAAGAA 300

QY 301 ACAGCAAGGGAGTCTGTGAAGTCAATCGGAACTGATGATGATGATGATGATGATGATG 360
DB 301 ACAGCAAGGGAGTCTGTGAAGTCAATCGGAACTGATGATGATGATGATGATGATGATG 360

QY 361 GACCAAAACAATGACAGATGCTTTCCAGGATACACCGGGAACCTGCGAGTCAAGATGGA 420
DB 361 GACCAAAACAATGACAGATGCTTTCCAGGATACACCGGGAACCTGCGAGTCAAGATGGA 420

QY 421 ATGAGTGTGAATGAAACCCCGGCCATGCCAAACAGATGTGATGTGATGTGATGTGATGT 480
DB 421 ATGAGTGTGAATGAAACCCCGGCCATGCCAAACAGATGTGATGTGATGTGATGTGATGT 480

QY 481 ACAAGTGTCTTTGCTCAGTGGCCACATGCTCATGCCAGATGCTACGTTGTGTAACCTTA 540
DB 481 ACAAGTGTCTTTGCTCAGTGGCCACATGCTCATGCCAGATGCTACGTTGTGTAACCTTA 540

QY 541 GGACATGTGCCATGATAAATGTGATGATGATGATGATGATGATGATGATGATGATGATG 600
DB 541 GGACATGTGCCATGATAAATGTGATGATGATGATGATGATGATGATGATGATGATGATG 600

QY 601 GCTGTGTCCATCCCTCAGGACTCCGGCTGGCCCAATGGAAGAGACTGTCTAGATATTG 660
DB 601 GCTGTGTCCATCCCTCAGGACTCCGGCTGGCCCAATGGAAGAGACTGTCTAGATATTG 660

QY 661 ATGAATGTGCTCTGTGTAAGTCACTGTCTCCCTACAATCGAAGATGTGTGAACACATTG 720
DB 661 ATGAATGTGCTCTGTGTAAGTCACTGTCTCCCTACAATCGAAGATGTGTGAACACATTG 720

QY 721 GAAGTACTACTGCAATGTCACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 780
DB 721 GAAGTACTACTGCAATGTCACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 780

QY 781 ACTGTATAGATATAAATGAATGATGATGATGATGATGATGATGATGATGATGATGATG 840
DB 781 ACTGTATAGATATAAATGAATGATGATGATGATGATGATGATGATGATGATGATGATG 840

QY 841 GCTTCAATACCAAGGGTCTTCAAGTGTAAATGCAAGCAGGGATATAAAGCAATGAC 900
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QY 901 TTCGGTGTCTGCTATCCCTGAAAAATTTGTGAGGAAAGTCTCTCAGAGCACCTGTGACCA 960
DB 901 TTCGGTGTCTGCTATCCCTGAAAAATTTGTGAGGAAAGTCTCTCAGAGCACCTGTGACCA 960

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Db TCAGAGACAGAAATCAAGAGATTGCTTGCTCAAAAAACAGCATGAAAAAGAGGCAAAAA 1020
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1081 TCAACTATGAAGAGATAGTTTCCAGAGGCGGGAATCTCATGAGGTAAAGGGAATG 1140
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Db AGATGATTTGACTGGAATCTGCTGATCGAGATATGCTATGCTTCTATATGGCAGT 1440
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Qy TCCGCGCTTGGCAGGTCACAGAGAGACATTCGCGGATGAACTCTCTACCTGACCT 1500
Db TCCGCGCTTGGCAGGTCACAGAGAGACATTCGCGGATGAACTCTCTACCTGACCT 1500
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Db GCAACCCCAAGCAATCTCTGTTGCTCTTGAATACCGGCTGGCGGAGACAAAGTCGG 1560
1561 GAACTTCGAGTCTTGTGAAACAGTACATGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1620
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RESULT 6

US-09-978-608A-118
; Sequence 118, Application US/09978608A
; Publication No. US20030045462A1

GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Fertara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C22
; CURRENT APPLICATION NUMBER: US/09/978,608A
; PRIORITY FILING DATE: 2001-10-16
; NUMBER OF SEQ ID NOS: 624
; Prior Application removed - See File Wrapper or Palm
; SEQ ID NO 118

LENGTH: 2260

TYPE: DNA

ORGANISM: Homo sapiens

FEATURE:

; NAME/KEY: unsure
; LOCATION: 2009, 2026, 2033, 2055, 2074, 2078, 2086
; OTHER INFORMATION: unknown base

US-09-978-608A-118

Query Match 99.7%; Score 2253; DB 10; Length 2260;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1 CGGACGCGTGGGTGGAGTGGAGCGGAGCACCGGAGCGGCTGAGGAGAGAGCGCGCG 60

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901 TTCGGTGTCTGCTATCCCTGAAATTTCTGTGAAGAGTCTCAGAGCACCTGGTACCA 960
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961 TCAAGACAGAAATCAAGAAATGCTGTCTCAAAAAACAGCATGAAAAAGAGGCAAAAA 1020
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1021 TTAATAATGTTTACCCAGAACCCACAGGATCTCTACCCCTAAGGTGAACCTTGAGCCCT 1080
1081 TCACCTATCAGAGATGTTTCCAGCGGGGAACTCTCATGGAGGTAAAAAGGGGAATG 1140
1081 TCACCTATCAGAGATGTTTCCAGCGGGGAACTCTCATGGAGGTAAAAAGGGGAATG 1140
1141 AAGAGAAATGAAGAGGGGCTTGGAGATGAGAAAAAGAGAAAGCCCTTGAAGAAATGA 1200

1141 AAGAGAAATGAAGAGGGGCTTGGAGATGAGAAAAAGAGAAAGCCCTTGAAGAAATGA 1200
1201 CATAGAGGAGCGAAGCCTCGAGGAGATGTGTTTTCCTTAAGGTGAATGAAGCAGGTGA 1260
1201 CATAGAGGAGCGAAGCCTCGAGGAGATGTGTTTTCCTTAAGGTGAATGAAGCAGGTGA 1260
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1261 ATTTCGCCCTGATTTCTGCTCCAAAGGAAACGCTAACTTCCAAACTGGAAACATAAAGATTT 1320
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1321 AAATATCTCGGTTGACTGCGAGCTTCAATCATCGGATCTGTGACTGGAACACAGGATAGAGA 1380
1381 AGATGATTTTGAATGGAATCCCTGCTGATCGAGATAATGCTATTGGCTTCTATATGGCAGT 1440
1381 AGATGATTTTGAATGGAATCCCTGCTGATCGAGATAATGCTATTGGCTTCTATATGGCAGT 1440
1441 TCCGGCCTTGGCAGGTCACAAGAAAGACATTTGCCGATTTGAAACTTCTCCTACCTGACCT 1500
1441 TCCGGCCTTGGCAGGTCACAAGAAAGACATTTGCCGATTTGAAACTTCTCCTACCTGACCT 1500
1501 GCAACCCCAAGCAACTTCTGTTTCTCTTTCATACCGCTGGCCGGAGACAAAGTCGG 1560
1501 GCAACCCCAAGCAACTTCTGTTTCTCTTTCATACCGCTGGCCGGAGACAAAGTCGG 1560
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1621 TGAGGATGAAAGTGAAGACAGGGAATAATTCAGTTGTATCAAGNACTGATGCTTACCAA 1680
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1681 AAGCATCATTTTTGAAGCAGACGTCGCAAGGCAAAACCGGCGAAATCGCAGTGGATGG 1740
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1741 CGTCTCCTGTTTTCAGGCTTATGTCAGATAGCCCTTTTATCTGGGATGACTGATGTT 1800
1741 CGTCTCCTGTTTTCAGGCTTATGTCAGATAGCCCTTTTATCTGGGATGACTGATGTT 1800
1801 ACTATCTTTATTTGACTTTGATGTCCAGTACCTTTTTCATATTTGATATTTGATATTCATAG 1860
1801 ACTATCTTTATTTGACTTTGATGTCCAGTACCTTTTTCATATTTGATATTTGATATTCATAG 1860
1861 GACCTCTGGCATTTTGAATAATCTAGCTGAAAAATGTAATGPACCAACAGAAATATTAT 1920
1861 GACCTCTGGCATTTTGAATAATCTAGCTGAAAAATGTAATGPACCAACAGAAATATTAT 1920
1921 TGTAAAGTGCCTTTCTTGTATAGATATGCCAATATTTGCTTTTAAATATCATATCACTGT 1980
1921 TGTAAAGTGCCTTTCTTGTATAGATATGCCAATATTTGCTTTTAAATATCATATCACTGT 1980
1981 ATCTTCTCAGTCATTTCTGAAATCTTTCCNCAATATATTAATAATNTGGAANGTCAGTT 2040
1981 ATCTTCTCAGTCATTTCTGAAATCTTTCCNCAATATATTAATAATNTGGAANGTCAGTT 2040
2041 TATCTCCCTCCTCNGTATATCTGATTTGTATANGTANGTGTGCTTCTCTTACCAA 2100
2041 TATCTCCCTCCTCNGTATATCTGATTTGTATANGTANGTGTGCTTCTCTTACCAA 2100
2101 CATTTCTAGAAAAATAGAAAAAAGACACAGAGAAATGTTTAACTGTTTGACTCTTATGAT 2160
2101 CATTTCTAGAAAAATAGAAAAAAGACACAGAGAAATGTTTAACTGTTTGACTCTTATGAT 2160
2161 ACTTCTTGGAAACTATGACATCAAGATAGACTTTGCTTAACTGCTTGGCTTAGCTGGGCTTT 2220
2161 ACTTCTTGGAAACTATGACATCAAGATAGACTTTGCTTAACTGCTTGGCTTAGCTGGGCTTT 2220
2221 TCATAGCCAAACTTGTATATTTTAACTTCTTTGTAATAATAA 2260

Db 2221 TCATAGCCAAACTGTATATTTAAATCTTTGTATATAA 2260

RESULT 7

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; Sequence 118, Application US/09978585A
; Publication No.: US20030049633A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C15
; CURRENT APPLICATION NUMBER: US/09/978,585A
; CURRENT FILING DATE: 2001-10-16
; NUMBER OF SEQ ID NOS: 624
; Prior Application removed - See File Wrapper or Palm
; SEQ ID NO 118
; LENGTH: 2260
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: unsure
; LOCATION: 2009, 2026, 2033, 2055, 2074, 2078, 2086
; OTHER INFORMATION: unknown base
US-09-978-585A-118

Query Match 99.7%; Score 2253; DB 10; Length 2260;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1 CGGACGGTGGTGGAGTGGAGCGGAGCCGAGCGGCTGAGGAGAGAGAGCGCGG 60

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Db 61 GCTTAGCTGTACGGGTCCGCGCGCGCCCTCCGAGGGGGGCTCAGGAGAGGAGGA 120

QY 121 GGACCCGTGGAGNATGCTCTGCCCTGGAGCCTTGGCTCCCGTGGCTCTCTCTGGG 180
Db 121 GGACCCGTGGAGNATGCTCTGCCCTGGAGCCTTGGCTCCCGTGGCTCTCTCTGGG 180

QY 181 TGGCAGGTGGTTTCGGGAACGCGGCCAGTGCAGAGGATCACCGGTTGTTAGCATCGGC 240
Db 181 TGGCAGGTGGTTTCGGGAACGCGGCCAGTGCAGAGGATCACCGGTTGTTAGCATCGGC 240

QY 241 GTACGCTGGGGTCTGTCACTATGGAACTAAACTGGCCTGCTACGGCTGGAGAAGNA 300

Db 241 GTACGCTGGGGTCTGTCACTATGGAACTAAACTGGCCTGCTACGGCTGGAGAAGNA 300
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Db 301 ACAGCAAGGGAGTCTGTGAAGCTACATCGGAACCTGGATGTAAAGTTTGGTGTGCTGG 360
QY 361 GACCAACCAANTGAGATGCTTTCCAGGATACACCGGGGAAACCTGCAGTCAGAGTGA 420
Db 361 GACCAACCAANTGAGATGCTTTCCAGGATACACCGGGGAAACCTGCAGTCAGAGTGA 420
QY 421 ATGAGTGTGGAAATGAAACCCCGGCCCATGCCAACACAGATGTGTAATACACACGGA 480
Db 421 ATGAGTGTGGAAATGAAACCCCGGCCCATGCCAACACAGATGTGTAATACACACGGA 480
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QY 781 ACTGTATAGATATAAATCAATGTAATGTAATGTAATGTAATGTAATGTAATGTAATG 840
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QY 1081 TCAACTATGAAGATAGTTCAGAGCGGGAACTCTCATGAGGTAAATAAAGGGAATG 1140
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Db 1201 CATAGAGAGCGAAGCCTGCGAGGAGATGTGTTTTTCCCTAAGGTGAATGAAGCAGTGA 1260
QY 1261 ATTGGCCTGATTTGGTCCAAAGGAAAGCGTAACTTCCAACTGGNACATAAGATTT 1320
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/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085704
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085697

Query Match 99.7%; Score 2253; DB 10; Length 2260;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGGACGCGTGGGTGCGAGTGGAGCGGAGGAGCCCGAGCGGCTCAGGAGGAGGAGGAGGA 60
Db 1 CGGACGCGTGGGTGCGAGTGGAGCGGAGGAGCCCGAGCGGCTCAGGAGGAGGAGGAGGAGG 60

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Db 61 GCTTACTGCTACGGGTCCGCGCGCGCCCTCCGAGGGGGGCTCAGGAGGAGGAGGAGGA 120

Qy 121 GGACCCGCTCGAGAGATGCTCTGCGCCCTGGAGCCTTGCGCTCCCGCTCTCTCTGGG 180
Db 121 GGACCCGCTCGAGAGATGCTCTGCGCCCTGGAGCCTTGCGCTCCCGCTCTCTCTGGG 180

Qy 181 TGGCAGGTGCTTTCGGGAACCGGCGCAGTCAGAGCATCAGGGTGTGTAGCATCGGCAC 240
Db 181 TGGCAGGTGCTTTCGGGAACCGGCGCAGTCAGAGCATCAGGGTGTGTAGCATCGGCAC 240

Qy 241 GTCAGCCTGGGTCTGTCTACTATGAACTAACTGGCTGTGTCTACGCTGGAGAGAA 300
Db 241 GTCAGCCTGGGTCTGTCTACTATGAACTAACTGGCTGTGTCTACGCTGGAGAGAA 300

Qy 301 ACAGCAAGGAGTCTGTGTGAAGCTACATCGGAACCTGGATGTAAGTTTGGTGGTGGTGG 360
Db 301 ACAGCAAGGAGTCTGTGTGAAGCTACATCGGAACCTGGATGTAAGTTTGGTGGTGGTGG 360

301 ACAGCAAGGAGTCTGTGAAGCTACATCGCAACCTGGATGTAAAGTTTGGTGAAGTGGTGG 360
361 GACCAAAACAATGACAGATGCTTTCCAGGATACACCGGAAACCTGCAAGTCAAGATGTGA 420
361 GACCAAAACAATGACAGATGCTTTCCAGGATACACCGGAAACCTGCAAGTCAAGATGTGA 420
421 ATGAGTGTGGAATGAACCCCGGCAATGCCAAACAGATGTGGAATPACACAGGAAGCT 480
421 ATGAGTGTGGAATGAACCCCGGCAATGCCAAACAGATGTGGAATPACACAGGAAGCT 480
481 ACAAGTGTGTTTGGCTCAGTGGCCACATCTCATGCGAGATGCTGACAGTGTGGAATCTTA 540
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1381 AGATGATTTGACTGGAATCTGCTGATCGAGATTAATGCTATGCTTCTATATGGCAGT 1440

1441 TCCGGCTTGGCAGTCAAGAAAGACATTTGCCGATTTGAAACTTCTCTACCTGACCT 1500
1441 TCCGGCTTGGCAGTCAAGAAAGACATTTGCCGATTTGAAACTTCTCTACCTGACCT 1500
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RESULT 9

US-09-978-403A-118
; Sequence 118, Application US/09978403A
; Publication No. US20030050240A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnuyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter

APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Thomas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630P1C17
CURRENT APPLICATION NUMBER: US/09/978,403A
CURRENT FILING DATE: 2002-03-19
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
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PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697

Query Match 99.7%; Score 2253; DB 10; Length 2260;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

2y 1 CCGACGCGTGGGTGCGAGTGGAGCGGAGGACCCGAGCGGTGAGGAGAGGAGGCGCG 60
db 1 CCGACGCGTGGGTGCGAGTGGAGCGGAGGACCCGAGCGGTGAGGAGAGGAGGCGCG 60

2y 61 GCTTAGCTCTACGGGTCCGCGCGCGCCCTCCGAGCGGGCTCAGGAGGAGGA 120
db 61 GCTTAGCTCTACGGGTCCGCGCGCGCCCTCCGAGCGGGGCTCAGGAGGAGGA 120

Qy 121 GGACCCGTGCGAGATGCTCTGCGCTGGAGCCTTGGCGCTCCGCTGCTCTCTGGG 180
db 121 GGACCCGTGCGAGATGCTCTGCGCTGGAGCCTTGGCGCTCCGCTGCTCTCTGGG 180

Qy 181 TGGCAGGTGGTTTCGGAAACCGCGCGAGTGAAGGATCAGGGTGTAGCATCGGCAC 240
db 181 TGGCAGGTGGTTTCGGAAACCGCGCGAGTGAAGGATCAGGGTGTAGCATCGGCAC 240

Qy 241 GTCAGCCTGGGTCTGTCTATGGAACCTAACTGGGCTGTCTACGGCTGGAGGA 300
db 241 GTCAGCCTGGGTCTGTCTATGGAACCTAACTGGGCTGTCTACGGCTGGAGGA 300

Qy 301 ACAGCAAGGAGTCTGTGAAGTACATCGGAACCTGAGTAACTTTGGTGGTGGTGG 360
db 301 ACAGCAAGGAGTCTGTGAAGTACATCGGAACCTGAGTAACTTTGGTGGTGGTGG 360

Qy 361 GACCAAAACAAATGAGATGCTTTCCAGGATACCGGGAACCTGCAGTCAAGATGTA 420
db 361 GACCAAAACAAATGAGATGCTTTCCAGGATACCGGGAACCTGCAGTCAAGATGTA 420

Qy 421 ATGAGTGTGGAATGAAACCCCGCCATGCGCAACACAGATGTGTGATACACACCGAAGCT 480
Db 421 ATGAGTGTGGAATGAAACCCCGCCATGCGCAACACAGATGTGTGATACACACCGAAGCT 480

Qy 481 ACAAGTGTCTTTGGCTCAGTGGCCACATGCTCATGCCAGATGCTACGTGTGTGAACCTTA 540
Db 481 ACAAGTGTCTTTGGCTCAGTGGCCACATGCTCATGCCAGATGCTACGTGTGTGAACCTTA 540

Qy 541 GGACATGTGCCATGATAAACTGTGTAGTACAGTGTGAAGACACAGAAAGAGGCCACAGT 600
Db 541 GGACATGTGCCATGATAAACTGTGTAGTACAGTGTGAAGACACAGAAAGAGGCCACAGT 600

Qy 601 GCCTGTGTCCATCTCAGGACTCCGCTCGGCCCAATGGAAGAGACTGTCTAGATATTG 660
Db 601 GCCTGTGTCCATCTCAGGACTCCGCTCGGCCCAATGGAAGAGACTGTCTAGATATTG 660

Qy 661 ATGAATGTGCTGTGTAAAGTCACTGTCCCTCAATCGAAGATGTGTGAACACATTTG 720
Db 661 ATGAATGTGCTGTGTAAAGTCACTGTCCCTCAATCGAAGATGTGTGAACACATTTG 720

Qy 721 GAAGCTACTGCAATGTGCAATTTGTTTCACTGCAATATATCATGTGACCATATG 780
Db 721 GAAGCTACTGCAATGTGCAATTTGTTTCACTGCAATATATCATGTGACCATATG 780

Qy 781 ACTGTATAGATATAAATGAATGTATGATAGCATGCGAGCCACCATGCCAATT 840
Db 781 ACTGTATAGATATAAATGAATGTATGATAGCATGCGAGCCACCATGCCAATT 840

Qy 841 GCTTCAATACCCAGGCTCTTCAAGTGTAAATGCAAGCAGGGATATAAGGCAATGGAC 900
Db 841 GCTTCAATACCCAGGCTCTTCAAGTGTAAATGCAAGCAGGGATATAAGGCAATGGAC 900

Qy 901 TTCGGTGTCTGCTATCCCTGAAATTTCTGTGAAGGAAGTCTCTCAGAGCACCTGTGATCA 960
Db 901 TTCGGTGTCTGCTATCCCTGAAATTTCTGTGAAGGAAGTCTCTCAGAGCACCTGTGATCA 960

Qy 961 TCAAGACAGAAATCAGAAAGTTCCTTCTCACAACACAGCATGAAAAGAGAGGCAAAA 1020
Db 961 TCAAGACAGAAATCAGAAAGTTCCTTCTCACAACACAGCATGAAAAGAGAGGCAAAA 1020

Qy 1021 TTAATAATGTTACCCAGAACCCACAGGACTCTTACCCTTAAGGTGAACCTTGACGCCCT 1080
Db 1021 TTAATAATGTTACCCAGAACCCACAGGACTCTTACCCTTAAGGTGAACCTTGACGCCCT 1080

Qy 1081 TCAACTATGAAGAGATAGTTTCCAGAGCGGAACTCTCATGGAGTAAAGAGGAATG 1140
Db 1081 TCAACTATGAAGAGATAGTTTCCAGAGCGGAACTCTCATGGAGTAAAGAGGAATG 1140

Qy 1141 AAGAGAAATGAAAGAGCGGCTTGAGGATGAGAAAGAGAGAAAGCCCTGAAGAAATGA 1200
Db 1141 AAGAGAAATGAAAGAGCGGCTTGAGGATGAGAAAGAGAGAAAGCCCTGAAGAAATGA 1200

Qy 1201 CATAGAGGAGGAAGCTGCGAGGAGATGTGTTTTTCCCTTAAGGTGAATGAAGCAGTGA 1260
Db 1201 CATAGAGGAGGAAGCTGCGAGGAGATGTGTTTTTCCCTTAAGGTGAATGAAGCAGTGA 1260

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Db 1261 ATTCGGCTGATTTCTGTCCTCAAGAGAAAGCGCTAACTTCCAAACTGGAACATAAAGATT 1320

Qy 1321 AAATATCTCGGTTGACTGCAAGTTCATCATGGGATCTGTGACTGGAACACAGGATAGA 1380
Db 1321 AAATATCTCGGTTGACTGCAAGTTCATCATGGGATCTGTGACTGGAACACAGGATAGA 1380

Qy 1381 AGATGATTTTGAATGGAATCTCTGATCGAGATATGCTTATTTGGCTTCTATATGCACT 1440
Db 1381 AGATGATTTTGAATGGAATCTCTGATCGAGATATGCTTATTTGGCTTCTATATGCACT 1440

Qy 1441 TCCGCCCTTGGCAGGTCAAGAAAGACATTTGGCCGATTGAACTTCTCTACCTGACCT 1500
Db 1441 TCCGCCCTTGGCAGGTCAAGAAAGACATTTGGCCGATTGAACTTCTCTACCTGACCT 1500

Qy 1501 GCAACCCCAAGCAACTCTCTGTTGCTCTTGTATACCGGCTGCGCGGAGACAAAGTCGG 1560
Db 1501 GCAACCCCAAGCAACTCTCTGTTGCTCTTGTATACCGGCTGCGCGGAGACAAAGTCGG 1560
Qy 1561 GAAACTTCAGTGTGTTGTAAGAAACAGTAACATCCCTGCGATGGGAGAACACAGAG 1620
Db 1561 GAAACTTCAGTGTGTTGTAAGAAACAGTAACATCCCTGCGATGGGAGAACACAGAG 1620
Qy 1621 TGAGGATGAAAGTGAAGACAGGGAATTCAGTTGATCAAGGAATCTGATCTACAA 1680
Db 1621 TGAGGATGAAAGTGAAGACAGGGAATTCAGTTGATCAAGGAATCTGATCTACAA 1680
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Db 1681 AGCATCATTTTGAAGCAGACAGTGGCAGGCAAAACCGCGGAATTCGAGTGGATGG 1740
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Db 1741 CGTCTTGTGTTTTCAGGCTTAATGTCAGATAGCCCTTTTATCTGTGGATGCTCAATGTT 1800
Qy 1801 ACTATCTTATTTGACCTTGTATGTCAGTCCCTGCTTTTGTATGATTTGCATCATAG 1860
Db 1801 ACTATCTTATTTGACCTTGTATGTCAGTCCCTGCTTTTGTATGATTTGCATCATAG 1860
Qy 1861 GACCTCTGGCAATTTAGAAATTAAGTCTGAAATTTGTAATGTACCAACAGAAATATTAT 1920
Db 1861 GACCTCTGGCAATTTAGAAATTAAGTCTGAAATTTGTAATGTACCAACAGAAATATTAT 1920
Qy 1921 TGTAAGATGCTTCTTGTATAGATATGCCAATTTTGTCTTAAATATCATCATCTGT 1980
Db 1921 TGTAAGATGCTTCTTGTATAGATATGCCAATTTTGTCTTAAATATCATCATCTGT 1980
Qy 1981 ATCTTCTCAGTCAATTTCTGAATCTTTCNCATTTATATATAAATNTGAAANGTCAGTT 2040
Db 1981 ATCTTCTCAGTCAATTTCTGAATCTTTCNCATTTATATATAAATNTGAAANGTCAGTT 2040
Qy 2041 TATCTCCCTCCCTCNGTATATCTGATTTGTATANGTANGTCTTCTCTACAA 2100
Db 2041 TATCTCCCTCCCTCNGTATATCTGATTTGTATANGTANGTCTTCTCTACAA 2100
Qy 2101 CATTTCTAGAAATAGAAAAAAGACACAGAAATGTTTAACTGTTGACTCTTATCAT 2160
Db 2101 CATTTCTAGAAATAGAAAAAAGACACAGAAATGTTTAACTGTTGACTCTTATCAT 2160
Qy 2161 ACTTCTTGGAACTATGACATCAAGATAGACTTTTGCCTTAAGTGGCTTAGCTGGGCTTT 2220
Db 2161 ACTTCTTGGAACTATGACATCAAGATAGACTTTTGCCTTAAGTGGCTTAGCTGGGCTTT 2220
Qy 2221 TCATAGCBAACCTTGATATATTTTAACTTTGTAATAATAA 2260
Db 2221 TCATAGCBAACCTTGATATATTTTAACTTTGTAATAATAA 2260

RESULT 10

US-09-978-564A-118
; Sequence 118, Application US/09978564A
; Publication No. US20030050241A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J Christopher
; APPLICANT: Gurney, Austin L.

APPLICANT: Hillan, Kenneth J
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C25
CURRENT APPLICATION NUMBER: US/09/978,564A
CURRENT FILING DATE: 2001-10-16
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
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PRIOR APPLICATION NUMBER: 60/080194
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APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C65
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1 PRIOR FILING DATE: 1998-05-15

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Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGGTGGTGGAGTGGAGCGGAGCGGCTCAGGAGAGAGAGGCGCG 60
DB 1 CGGACGGTGGTGGAGTGGAGCGGAGCGGCTCAGGAGAGAGAGGCGCG 60
QY 61 GCTTAGCTGTACGGGTCGGGTCGGGCGGCTCCCGAGGGGGCTCAGGAGAGAGAGG 120
DB 61 GCTTAGCTGTACGGGTCGGGTCGGGCGGCTCCCGAGGGGGCTCAGGAGAGAGAGG 120
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DB 121 GGACCGTGGAGATGCTCTCCCTGGAGCGGCTCCCGGCTGCTCTCTCTGG 180
QY 181 TGGCAGGTGGTTCGGGACCGGCGCAGTGCAGGCGATCACGGGTTGTAGCATCGGCAC 240
DB 181 TGGCAGGTGGTTCGGGACCGGCGCAGTGCAGGCGATCACGGGTTGTAGCATCGGCAC 240
QY 241 GTACGCTGGGTCGTCACTATGGAATGGAATGGAATGGAATGGAATGGAATGGA 300
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QY 301 ACAGCAAGGAGTCTGTGAAGTACATGCGAACCTGGATGTAAGTTTGGTGGTGGTGG 360
DB 301 ACAGCAAGGAGTCTGTGAAGTACATGCGAACCTGGATGTAAGTTTGGTGGTGGTGG 360
QY 361 GACCAACAATGAGATGCTTCCAGGATACACCGGGAACCTGCAGTCAAGATGTA 420
DB 361 GACCAACAATGAGATGCTTCCAGGATACACCGGGAACCTGCAGTCAAGATGTA 420
QY 421 ATGAGTGGGAATGAAACCCCGGCGCATGCCAACACAGATGTGGAATACACAGGAGCT 480
DB 421 ATGAGTGGGAATGAAACCCCGGCGCATGCCAACACAGATGTGGAATACACAGGAGCT 480
QY 481 ACAAGTCTTTGGCTCAGTGGCCACATGCTCATGCCAGATGCTAGTGTGTGTAATCTTA 540
DB 481 ACAAGTCTTTGGCTCAGTGGCCACATGCTCATGCCAGATGCTAGTGTGTGTAATCTTA 540
QY 541 GGACATGTGCCATGATMAACTGTTCAGTACAGCTGTGGAAGACACAGAGAGAGGCGCAC 600

DB 541 GGACATGTGCCATGATMAACTGTTCAGTACAGCTGTGGAAGACACAGAGAGAGGCGCAC 600
QY 601 GCCTGTGTCCATCCCTCAGGACTCGGCTCGCCCAATGGAAGAGACTGTCTAGATATTG 660
DB 601 GCCTGTGTCCATCCCTCAGGACTCGGCTCGCCCAATGGAAGAGACTGTCTAGATATTG 660
QY 661 ATGAATGTGCTCTGGTAAAGTCACTGTCCCTACATCGAAGATGTGTGAACACATATTG 720
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QY 721 GAAGCTACTACTGCAAAATGTCAATGTTTGAATGCAATGCAATGCAATGCAATGCAATG 780
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QY 781 ACTGTATAGATATAAATGAATGTACTATGATAGCCATAGTGCAGCCACCATGCCAATT 840
DB 781 ACTGTATAGATATAAATGAATGTACTATGATAGCCATAGTGCAGCCACCATGCCAATT 840
QY 841 GCTTCAATACCCAGGGTCTTCAAGTGAATGCAAGCGGGATATAAAGCGCAATGGAC 900
DB 841 GCTTCAATACCCAGGGTCTTCAAGTGAATGCAAGCGGGATATAAAGCGCAATGGAC 900
QY 901 TTCCGTTGTTCTGCTATCCCTGAAAATCTGTGAAGGAAGTCTCAGAGCACCTGGTACCA 960
DB 901 TTCCGTTGTTCTGCTATCCCTGAAAATCTGTGAAGGAAGTCTCAGAGCACCTGGTACCA 960
QY 961 TCAAGACAGAAATCAAGAAATGTTGTTGCTCAAAAAACAGCATGAAAAGAGGCAAAAA 1020
DB 961 TCAAGACAGAAATCAAGAAATGTTGTTGCTCAAAAAACAGCATGAAAAGAGGCAAAAA 1020
QY 1021 TTAATAATGTTTACCCAGAACCCAGGACTCTTACCCCTTAAGTGAATCTTGCAGGCCT 1080
DB 1021 TTAATAATGTTTACCCAGAACCCAGGACTCTTACCCCTTAAGTGAATCTTGCAGGCCT 1080
QY 1081 TCACTATGAAGAGATGTTTCCAGAGCGGGAATCTCTCATGAGGTTAAAAAGGGAATG 1140
DB 1081 TCACTATGAAGAGATGTTTCCAGAGCGGGAATCTCTCATGAGGTTAAAAAGGGAATG 1140
QY 1141 AGAGAAATGAAGAGGAGGCTTGAGATGAGAAAGAGAGAGAGAGAGAGAGAGAGAGAG 1200
DB 1141 AGAGAAATGAAGAGGAGGCTTGAGATGAGAAAGAGAGAGAGAGAGAGAGAGAGAGAG 1200
QY 1201 CATAG 1260
DB 1201 CATAG 1260
QY 1261 ATTCCGCTGATCTGCTCCAG 1320
DB 1261 ATTCCGCTGATCTGCTCCAG 1320
QY 1321 AATATCTCGGTTGACTGAGCTTCAATCATGGGATCTGTGACTGGAAACAGGATAGAGA 1380
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QY 1381 AGATGATTTTGAAGTCTGCTCCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1440
DB 1381 AGATGATTTTGAAGTCTGCTCCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1440
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QY 1621 TGAGATGAAAG 1680

7	PRIOR APPLICATION NUMBER: 60/081049
8	PRIOR FILING DATE: 1998-04-08
9	PRIOR APPLICATION NUMBER: 60/081071
10	PRIOR FILING DATE: 1998-04-08
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12	PRIOR FILING DATE: 1998-04-08
13	PRIOR APPLICATION NUMBER: 60/081203
14	PRIOR FILING DATE: 1998-04-09
15	PRIOR APPLICATION NUMBER: 60/081229
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17	PRIOR APPLICATION NUMBER: 60/081955
18	PRIOR FILING DATE: 1998-04-15
19	PRIOR APPLICATION NUMBER: 60/081817
20	PRIOR FILING DATE: 1998-04-15
21	PRIOR APPLICATION NUMBER: 60/081819
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24	PRIOR FILING DATE: 1998-04-15
25	PRIOR APPLICATION NUMBER: 60/081833
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27	PRIOR APPLICATION NUMBER: 60/082568
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32	PRIOR FILING DATE: 1998-04-22
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36	PRIOR FILING DATE: 1998-04-22
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38	PRIOR FILING DATE: 1998-04-22
39	PRIOR APPLICATION NUMBER: 60/082796
40	PRIOR FILING DATE: 1998-04-23
41	PRIOR APPLICATION NUMBER: 60/083336
42	PRIOR FILING DATE: 1998-04-27
43	PRIOR APPLICATION NUMBER: 60/083322
44	PRIOR FILING DATE: 1998-04-28
45	PRIOR APPLICATION NUMBER: 60/083392
46	PRIOR FILING DATE: 1998-04-29
47	PRIOR APPLICATION NUMBER: 60/083495
48	PRIOR FILING DATE: 1998-04-29
49	PRIOR APPLICATION NUMBER: 60/083496
50	PRIOR FILING DATE: 1998-04-29
51	PRIOR APPLICATION NUMBER: 60/083499
52	PRIOR FILING DATE: 1998-04-29
53	PRIOR APPLICATION NUMBER: 60/083545
54	PRIOR FILING DATE: 1998-04-29
55	PRIOR APPLICATION NUMBER: 60/083554
56	PRIOR FILING DATE: 1998-04-29
57	PRIOR APPLICATION NUMBER: 60/083558
58	PRIOR FILING DATE: 1998-04-29
59	PRIOR APPLICATION NUMBER: 60/083559
60	PRIOR FILING DATE: 1998-04-29
61	PRIOR APPLICATION NUMBER: 60/083500
62	PRIOR FILING DATE: 1998-04-29
63	PRIOR APPLICATION NUMBER: 60/083742
64	PRIOR FILING DATE: 1998-04-30
65	PRIOR APPLICATION NUMBER: 60/084637
66	PRIOR FILING DATE: 1998-05-07
67	PRIOR APPLICATION NUMBER: 60/084639
68	PRIOR FILING DATE: 1998-05-07
69	PRIOR APPLICATION NUMBER: 60/084640
70	PRIOR FILING DATE: 1998-05-07
71	PRIOR APPLICATION NUMBER: 60/084598
72	PRIOR FILING DATE: 1998-05-07
73	PRIOR APPLICATION NUMBER: 60/084600

[illegible]

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901 TTGGGTGTTCTGCTATCCCTGAAATCTGTGGAAGTCTCTCAGAGCACCCTGTGTACCA 960
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1381 AGATGATTTTGACTGGAATCTGCTGATCGAGATAATGCTATTGGCTTCTATATGGCACT 1440
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1681 AAGCATATTTTGAAGCAGAACCTGGCAGCGGCAAAACCGGCGAAATCGCAGTGGATGG 1740
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1861 GACCTCTGGCATTTTAGAATTAAGTACTAGCTGAAAAATGTAATGTACCAACAGAAATATTAT 1920
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RESULT 13

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; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi

; APPLICANT: Baker Kevin P.

; APPLICANT: Botstein, David

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; APPLICANT: Ferrara, Napoleon

; APPLICANT: Filvaroff, Ellen

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; APPLICANT: Gao, Wei-Qiang

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; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, J. Christopher

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; APPLICANT: Kljavin, Ivar J.

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; APPLICANT: Napier, Mary A.

; APPLICANT: Pan, James;

; APPLICANT: Paoni, Nicholas F.

; APPLICANT: Roy, Margaret Ann

; APPLICANT: Shelton, David L.

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tamas, Daniel

; APPLICANT: Williams, P. Mickey

; APPLICANT: Wood, William I.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

; TITLE OF INVENTION: Acids Encoding the Same

; FILE REFERENCE: P2630P1C14

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CURRENT FILING DATE: 2001-10-17
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PRIOR FILING DATE: 2001-07-30
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PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
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3 PRIOR APPLICATION NUMBER: 60/085338
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15 PRIOR APPLICATION NUMBER: 60/085580
16 PRIOR FILING DATE: 1998-05-15
17 PRIOR APPLICATION NUMBER: 60/085573
18 PRIOR FILING DATE: 1998-05-15
19 PRIOR APPLICATION NUMBER: 60/085704
20 PRIOR FILING DATE: 1998-05-15
21 PRIOR APPLICATION NUMBER: 60/085697

Query Match 99.7%; Score 2253; DB 10; Length 2260;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB	61	GCTTAGCTGCTACGGGTCGCGCGCGGCGCTCCCGAGGGGGCTCAGGAGGAGGAGGA	120
QY	121	GGACCGTGCAGAGATGCCTCTGCCCTGGAGCCTTGCCTCCCGCTGCTCTCTCTGG	180
DB	121	GGACCGTGCAGAGATGCCTCTGCCCTGGAGCCTTGCCTCCCGCTGCTCTCTCTGG	180
QY	181	TGGCAGTGGTTCGGGAACCGCGGCGAGTGCAGGATCAGGGTGTAGCATCGGCAC	240
DB	181	TGGCAGTGGTTCGGGAACCGCGGCGAGTGCAGGATCAGGGTGTAGCATCGGCAC	240
QY	241	GTGAGCGTGGGCTGTCTACTATGAACTAACTGGCCTGCTAGCGGCTGGAGAGAA	300
DB	241	GTGAGCGTGGGCTGTCTACTATGAACTAACTGGCCTGCTAGCGGCTGGAGAGAA	300
QY	301	ACAGCAAGGAGTCTGTGAAGCTACATCGAACTCTGGATGTAAAGTTGGTGAAGTGG	360
DB	301	ACAGCAAGGAGTCTGTGAAGCTACATCGAACTCTGGATGTAAAGTTGGTGAAGTGG	360
QY	361	GACCAACAAATGCAGATGCTTTCAGGATACCGCGGAAACCTGCAAGTCAAGATGTA	420
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QY	421	ATGAGTGTGGAATGAAACCCCGGCGATGCGCAACAGATGTGGAATACACAGGAAGCT	480
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QY	481	ACAAGTGTCTTTCCTCAGTGGCCACATGCTCATGCCAGATGCTACGTGTGGAACCTTA	540
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QY	541	GGACATGTGCCATGATAAATCTGTAGTACAGTGTGGAAGACACAGAAAGGCGCACAGT	600
DB	541	GGACATGTGCCATGATAAATCTGTAGTACAGTGTGGAAGACACAGAAAGGCGCACAGT	600
QY	601	GCTGTGTCCATCCCTCAGACTCCGCTGGCCCAATGGAAGAGCTGTCTAGATATTG	660
DB	601	GCTGTGTCCATCCCTCAGACTCCGCTGGCCCAATGGAAGAGCTGTCTAGATATTG	660
QY	661	ATGAATGTGCTCTGTGTAAGTCACTGTGCCCTCAATCGAAGATGTGTGAACATTTG	720
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DB	721	GAAGCTACTCTGCAAAATGTCATTTGGTTTCGAACTGCAATATATCATGTGACGATATG	780
QY	781	ACTGTATAGATATAAATGAATGTACTATGATAGCATAGTGCAGCCACCATGCAATTT	840
DB	781	ACTGTATAGATATAAATGAATGTACTATGATAGCATAGTGCAGCCACCATGCAATTT	840
QY	841	GCTTCAATACCCAGGCGCTTCAAGTGTAAATGCAAGCAGGAGATATAAGGCAATGGAC	900
DB	841	GCTTCAATACCCAGGCGCTTCAAGTGTAAATGCAAGCAGGAGATATAAGGCAATGGAC	900
QY	901	TTGCGTGTTCGTCTATCCCTGAAAAATTCGTGAAGGAAGTCTCTCAGAGCACCTGGTACCA	960
DB	901	TTGCGTGTTCGTCTATCCCTGAAAAATTCGTGAAGGAAGTCTCTCAGAGCACCTGGTACCA	960
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DB	961	TCAAGACAGAAATCAAGAACTGCTCTCACAAAACAGCATGAAAAGAGAGGCAAAAA	1020
QY	1021	TTAAAAATGTTTACCCAGAAACCCACAGAGACTCTCTACCCCTAAAGTGAACTTCAGCCCT	1080
DB	1021	TTAAAAATGTTTACCCAGAAACCCACAGAGACTCTCTACCCCTAAAGTGAACTTCAGCCCT	1080
QY	1081	TCAACTATGAAGATAGTTTCCAGAGCGGGAACCTCTCATGAGGTAAAAAGGAATG	1140
DB	1081	TCAACTATGAAGATAGTTTCCAGAGCGGGAACCTCTCATGAGGTAAAAAGGAATG	1140
QY	1141	AAGAAATGAAGAGGGGCTTGAGGATGAGAAAGAGAGAGAGCCCTGAAGAAATGA	1200
DB	1141	AAGAAATGAAGAGGGGCTTGAGGATGAGAAAGAGAGAGAGCCCTGAAGAAATGA	1200
QY	1201	CATAGAGAGGAGAGCCCTCGAGGAGATGTGTTTCCCTTAAGTGAATGAAGCAGTGA	1260
DB	1201	CATAGAGAGGAGAGCCCTCGAGGAGATGTGTTTCCCTTAAGTGAATGAAGCAGTGA	1260
QY	1261	ATTGGGCTGATTTCTGTCCAAAGGAAAGCGCTAACTTCCAAACTGGAAATAAAGATTT	1320
DB	1261	ATTGGGCTGATTTCTGTCCAAAGGAAAGCGCTAACTTCCAAACTGGAAATAAAGATTT	1320
QY	1321	AAATATCTCGTGTGACTGCACTCAATCATGGATCTGATGAGTGAAGTGAAGATGAGA	1380
DB	1321	AAATATCTCGTGTGACTGCACTCAATCATGGATCTGATGAGTGAAGTGAAGATGAGA	1380
QY	1381	AGATGATTTTCACTGGATCTGCTGATCGAGATTAATGCTATTGGCTTCTATATGGCAGT	1440
DB	1381	AGATGATTTTCACTGGATCTGCTGATCGAGATTAATGCTATTGGCTTCTATATGGCAGT	1440
QY	1441	TCGGGCTTGGCAGGTCAAGAAAGACATTGGCCGATTGAAACTTCTCTACCTGACCT	1500
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QY	1561	GAACTTCTGAGTGTGTAAGGAGAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGA	1620
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QY	1621	TGAGATGAAAGTGAAGAGAGGAGGAAATTCAGTGTATCATAGGAATCATGCTACCA	1680
DB	1621	TGAGATGAAAGTGAAGAGAGGAGGAAATTCAGTGTATCATAGGAATCATGCTACCA	1680
QY	1681	AAGCATCATTTTGAAGCAGAACTGTGCAAGGGGCAAAACCGGCGAAATCCAGTGGATGG	1740
DB	1681	AAGCATCATTTTGAAGCAGAACTGTGCAAGGGGCAAAACCGGCGAAATCCAGTGGATGG	1740
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DB 1021 TTAAAAATGTTACCCAGAACCCACAGAGCTCTTACCCCTAAGGTGAACCTTGCAGCCCT 1080
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DB 1321 AATATCTCGTTCACGACGCTTCAATCATGGATCTGTGACTGGAACAGATAGAGA 1380
QY 1381 AGATGATTTTGACTGGAATCTCTGATCGAGATAATGCTATGCTTCTATATGGCAGT 1440
DB 1381 AGATGATTTTGACTGGAATCTCTGATCGAGATAATGCTATGCTTCTATATGGCAGT 1440
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DB 1681 AAGCATCATTTTGAAGCAGAACTGTGCAAGGGGCAAAACCGGGAATTCGAGTGTATG 1740
QY 1741 CGTCTTGCTGTTTTCAGGCTTATGCTCCAGATAGCCTTTTATCTGTGATGACTGATGTT 1800
DB 1741 CGTCTTGCTGTTTTCAGGCTTATGCTCCAGATAGCCTTTTATCTGTGATGACTGATGTT 1800
QY 1801 ACTATCTTTATTTGATGCTTTGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1860
DB 1801 ACTATCTTTATTTGATGCTTTGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1860
QY 1861 GACCTCTGGCATTTTGAAGATTAAGTGAATGTAATGTAATGTAATGTAATGTAATGTAAT 1920

DB 1861 GACCTCTGGCATTTTGAAGATTAAGTGAATTAAGTGAATTAAGTGAATTAAGTGAATTAAT 1920
QY 1921 TGTAAAGATGCTTTTCTGTATAGATATGCAATATTTGCTTTAAATATCATATCATGTT 1980
DB 1921 TGTAAAGATGCTTTTCTGTATAGATATGCAATATTTGCTTTAAATATCATATCATGTT 1980
QY 1981 ATCTTCTCAGTCAATTTCTGAAATCTTTCCNCAATATATATATAAAATNTGGAANGTCAGTT 2040
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QY 2041 TATCTCCCTCTCTCNGTATATCTGATTTGTATANGTANGTCTTCTCTCTACAA 2100
DB 2041 TATCTCCCTCTCTCNGTATATCTGATTTGTATANGTANGTCTTCTCTCTACAA 2100
QY 2101 CATTTCTAGAAATAGAAAAAAGCAGAGAAATGTTAACTGTTTGACTCTTATGAT 2160
DB 2101 CATTTCTAGAAATAGAAAAAAGCAGAGAAATGTTAACTGTTTGACTCTTATGAT 2160
QY 2161 ACTTCTTGAAACTATGACATCAAAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGGCTT 2220
DB 2161 ACTTCTTGAAACTATGACATCAAAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGGCTT 2220
QY 2221 TCATAGCCAACTCTGATATTTAAATTTCTTTGTAATAATAA 2260
DB 2221 TCATAGCCAACTCTGATATTTAAATTTCTTTGTAATAATAA 2260

RESULT 15

US-09-978-423A-118
; Sequence 118, Application US/09978423A
; Publication No. US20030069178A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630PIC21
CURRENT APPLICATION NUMBER: US/09/978,423A
CURRENT FILING DATE: 2002-05-16
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13

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5 PRIOR APPLICATION NUMBER: 60/077632
6 PRIOR FILING DATE: 1998-03-11
7 PRIOR APPLICATION NUMBER: 60/077641
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146 PRIOR FILING DATE: 1998-05-15

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Qy 2221 TCATAGCCAAACTGTATATTAATTTCTTTGTAATAAA 2260
Db 2221 TCATAGCCAAACTGTATATTAATTTCTTTGTAATAAA 2260

RESULT 16

US-09-978-193A-118

/ Sequence 118, Application US/09978193A
/ Publication No. US20030073624A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
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/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kljavin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Fan, James;
/ APPLICANT: Faoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ TITLE OF INVENTION: Acids Encoding the Same
/ FILE REFERENCE: P2630P1C6
/ CURRENT APPLICATION NUMBER: US/09/978,193A
/ CURRENT FILING DATE: 2002-02-21
/ PRIOR APPLICATION NUMBER: 09/918595
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
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Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 241 GTCAGCTGGGGTCTGTCACATGGAATGAACTAACTGGCTGCTGCTGCTGCTGGAGAGAA 300
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QY 361 GACCAAAACAATGCGAGTCTTCCAGGATACACGGGAAACCTGCGAGTCAAGATGTA 420
DB 361 GACCAAAACAATGCGAGTCTTCCAGGATACACGGGAAACCTGCGAGTCAAGATGTA 420
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DB 421 ATGAGTGTGGAATGAAACCCCGGCCATGCCAACACAGATGTGTAATACACACGGAAGCT 480
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DB 481 ACAAGTCTTTTGGCTCAGTGCCGACATGCTCATGCCAGATGCTACGTGTGTGAATCTA 540
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DB 541 GGACATGTGCCATGATAAACTGTCAAGTACAGTGTGAAGACACAGAGAGGCGCACGT 600
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Db 961 TCAAGACAGAAATCAAGAAAGTTGCTTGCTACAAAAACAGCATGAAAAAGAGCGCAAAA 1020
Qy 1021 TAAAAATGTTACCCAGAACCCACAGGACTCTACCCCTAAGGTGAATTCAGCCCT 1080
Db 1021 TAAAAATGTTACCCAGAACCCACAGGACTCTACCCCTAAGGTGAATTCAGCCCT 1080
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Qy 1141 AAGAGAAATGAAGAGGGGCTTGAGGATGAGAAAAGAGAGAGAGAGAGAGAGAGAGAG 1200
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Qy 1381 AGATGATTTGACTGGAATCTGCTGATCGAGATTAATGCTATTGGCTTCTATATGCGAGT 1440
Db 1381 AGATGATTTGACTGGAATCTGCTGATCGAGATTAATGCTATTGGCTTCTATATGCGAGT 1440
Qy 1441 TCCGCTCTGAGCTGACAGAGAGAGATTTGGCGGATGAGAACTTCTCTACTGACCT 1500
Db 1441 TCCGCTCTGAGCTGACAGAGAGAGATTTGGCGGATGAGAACTTCTCTACTGACCT 1500
Qy 1501 GCAACCCCAAGCACTTCTGTTGCTCTTTGATTACCGGCTGCGCGGAGACAAAGTCGG 1560
Db 1501 GCAACCCCAAGCACTTCTGTTGCTCTTTGATTACCGGCTGCGCGGAGACAAAGTCGG 1560
Qy 1561 GAACTTGAGTGTGTTGAAAAACAGTAAACAGTAAACAGTAAACAGTAAACAGTAAACAG 1620
Db 1561 GAACTTGAGTGTGTTGAAAAACAGTAAACAGTAAACAGTAAACAGTAAACAGTAAACAG 1620
Qy 1621 TCAGGATGAAAGTGAAGACAGAGGAAATTCAGTTGATCAAGGAACTGATGTACCAA 1680
Db 1621 TCAGGATGAAAGTGAAGACAGAGGAAATTCAGTTGATCAAGGAACTGATGTACCAA 1680
Qy 1681 AAGCATATTTTGAAGCAGAACGTTGCAAGGCAAAACCGCGGAAATCGCAGTGGATGG 1740
Db 1681 AAGCATATTTTGAAGCAGAACGTTGCAAGGCAAAACCGCGGAAATCGCAGTGGATGG 1740
Qy 1741 CGTCTGCTGTTGTTGAGGCTTATGTCAGATAGCTTTATCTGCGATGACTGAATGTT 1800
Db 1741 CGTCTGCTGTTGTTGAGGCTTATGTCAGATAGCTTTATCTGCGATGACTGAATGTT 1800
Qy 1801 ACTATCTTTATATTTGACTTTGATGTAGTCCAGTCCCTGTTTTTTTATATGATCATAG 1860
Db 1801 ACTATCTTTATATTTGACTTTGATGTAGTCCAGTCCCTGTTTTTTTATATGATCATAG 1860
Qy 1861 GACCTCTGCATTTAGAAATTAAGTAAAGTAAAGTAAAGTAAAGTAAAGTAAAGTAAAGTAA 1920
Db 1861 GACCTCTGCATTTAGAAATTAAGTAAAGTAAAGTAAAGTAAAGTAAAGTAAAGTAAAGTAA 1920
Qy 1921 TGAAGATGCTTTCTTGTATAGATATGCCAATATTTGCTTTTAAATATCATATCACTGT 1980
Db 1921 TGAAGATGCTTTCTTGTATAGATATGCCAATATTTGCTTTTAAATATCATATCACTGT 1980
Qy 1981 AUCTTCTAGTCACTTCTGAATCTTCCNCATATATATATAAATNTGGAANGTCAGTT 2040
Db 1981 ATCTTCTAGTCACTTCTGAATCTTCCNCATATATATATAAATNTGGAANGTCAGTT 2040

RESULT 17

US-09-999-830A-118

; Sequence 118, Application US/099999830A

; Publication No. US2003007700A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi

; APPLICANT: Baker Kevin P.

; APPLICANT: Botstein, David

; APPLICANT: Deanovers, Luc

; APPLICANT: Eaton, Dan

; APPLICANT: Ferrara, Napoleon

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Fong, Sherman

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, J. Christopher

; APPLICANT: Gurney, Austin L.

; APPLICANT: Hillan, Kenneth J.

; APPLICANT: Kljavin, Ivar J.

; APPLICANT: Kuo, Sophia S.

; APPLICANT: Napier, Mary A.

; APPLICANT: Pan, James;

; APPLICANT: Paoni, Nicholas F.

; APPLICANT: Roy, Margaret Ann

; APPLICANT: Shelton, David L.

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Williams, P. Mickey

; APPLICANT: Wood, William I.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

; FILE OF INVENTION: Acids Encoding the Same

; FILE REFERENCE: P2630P1C70

; CURRENT APPLICATION NUMBER: US/09/999,830A

; PRIOR FILING DATE: 2001-08-31

; PRIOR APPLICATION NUMBER: 09/918585

; PRIOR FILING DATE: 2001-07-30

; PRIOR APPLICATION NUMBER: 60/062250

; PRIOR FILING DATE: 1997-10-17

; PRIOR APPLICATION NUMBER: 60/064249

; PRIOR FILING DATE: 1997-11-03

; PRIOR APPLICATION NUMBER: 60/065311

; PRIOR FILING DATE: 1997-11-13

; PRIOR APPLICATION NUMBER: 60/066364

; PRIOR FILING DATE: 1997-11-21

; PRIOR APPLICATION NUMBER: 60/077450

; PRIOR FILING DATE: 1998-03-10

; PRIOR APPLICATION NUMBER: 60/077632

; PRIOR FILING DATE: 1998-03-11

; PRIOR APPLICATION NUMBER: 60/077641

; PRIOR FILING DATE: 1998-03-11

; PRIOR APPLICATION NUMBER: 60/077649

; PRIOR FILING DATE: 1998-03-11

; PRIOR APPLICATION NUMBER: 60/077649

; PRIOR FILING DATE: 1998-03-11

; PRIOR APPLICATION NUMBER: 60/077649

; PRIOR FILING DATE: 1998-03-11

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; PRIOR APPLICATION NUMBER: 60/077649

; PRIOR FILING DATE: 1998-03-11

, PRIOR APPLICATION NUMBER: 60/077791
 , PRIOR FILING DATE: 1998-03-12
 , PRIOR APPLICATION NUMBER: 60/078004
 , PRIOR FILING DATE: 1998-03-13
 , PRIOR APPLICATION NUMBER: 60/078886
 , PRIOR FILING DATE: 1998-03-20
 , PRIOR APPLICATION NUMBER: 60/078936
 , PRIOR FILING DATE: 1998-03-20
 , PRIOR APPLICATION NUMBER: 60/078910
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 , PRIOR APPLICATION NUMBER: 60/079656
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 , PRIOR FILING DATE: 1998-03-30
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 , PRIOR FILING DATE: 1998-03-31
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 , PRIOR FILING DATE: 1998-03-31
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 , PRIOR APPLICATION NUMBER: 60/080328
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 , PRIOR APPLICATION NUMBER: 60/081817
 , PRIOR FILING DATE: 1998-04-15
 , PRIOR APPLICATION NUMBER: 60/081819
 , PRIOR FILING DATE: 1998-04-15
 , PRIOR APPLICATION NUMBER: 60/081952
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 , PRIOR APPLICATION NUMBER: 60/081938
 , PRIOR FILING DATE: 1998-04-15
 , PRIOR APPLICATION NUMBER: 60/082568
 , PRIOR FILING DATE: 1998-04-21
 , PRIOR APPLICATION NUMBER: 60/082569
 , PRIOR FILING DATE: 1998-04-21
 , PRIOR APPLICATION NUMBER: 60/082704

; PRIOR APPLICATION NUMBER: 60/085697

Query Match 99.7%; Score 2253; DB 10; Length 2260;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCTGGGTGGAGTGGAGCGGAGGAGCCGAGCGGCTGAGGAGAGAGGCGGCG 60
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QY 1 CGGACGCTGGGTGGAGTGGAGCGGAGGAGCCGAGCGGCTGAGGAGAGAGGCGGCG 60
DB |||||
QY 61 GCTTAGCTGCTACGGGCTCGGCGCGGCGGCTCGGAGGGGGCTCAGGAGGAGGAGGA 120
DB |||||
QY 121 GGACCCGTGGAGAGATGCTCTGCCGTGGAGCCTTGGCTCCGCTCCTCTCTCTGGG 180
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QY 121 GGACCCGTGGAGAGATGCTCTGCCGTGGAGCCTTGGCTCCGCTCCTCTCTCTGGG 180
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QY 181 TGGCAGGTGGTTTCGGGAAACCGGCGCAGTGCAGGCACTCAGGCTTGTAGCATCGGCAC 240
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QY 241 GTACGCTGGGTGTGTCACTATGGAATAAACTGGCTGCTACGGCTGGAGAAGA 300
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QY 301 ACAGCAAGGAGTGTGTCACTATGGAATAAACTGGCTGCTACGGCTGGAGAAGA 300
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QY 541 GGACATGTGCCATGATAAATGTCTAGTACAGTGTGAAGACACAGAGAGAGGCGCACGT 600
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QY 601 GCGTGTGCTCCTCCTCAGGACTCCGCTCGGCGGCGGCGGCGGCGGCGGCGGCGGCG 660
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QY 661 ATGAATGTGCTCTGGTAAAGTCACTGCTCCTCAATCGAAGATGTGTGAACACATTTG 720
DB |||||
QY 661 ATGAATGTGCTCTGGTAAAGTCACTGCTCCTCAATCGAAGATGTGTGAACACATTTG 720
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QY 721 GAAGCTCTACTGCAAAATGTCATTTGTTTGGAGTGTGCAATGATATCATGAGGAGATG 780
DB |||||
QY 721 GAAGCTCTACTGCAAAATGTCATTTGTTTGGAGTGTGCAATGATATCATGAGGAGATG 780
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QY 781 ACTGTATAGATATAAATGAATGATCTATGATGATGATGATGATGATGATGATGATGAT 840
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QY 841 GCTTCATACCAAGGCTCTTCAAGTGTAAATGCAAGCAGGATATAAGGCAATGGAC 900
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QY 901 TTCGCTGTCTGCTATCCCTGAAATTTCTGTGAAGGAGTCTCTCAGAGCACCTGGTACCA 960
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QY 901 TTCGCTGTCTGCTATCCCTGAAATTTCTGTGAAGGAGTCTCTCAGAGCACCTGGTACCA 960
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QY 961 TCAAGACAGATCAAGAGTGTCTGCTCAAAAACAGCATGAAAAGAGGCAAAA 1020
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QY 1021 TTAATAATGTTACCCAGAAACCCACAGGACTCCTACCCCTAAGGTGAATCTGCAGCCCT 1080
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QY 1141 AAGAGAAATGAAGAGGGGCTTGGAGATGAGAAAGAGAGAAAGGAGGAGGAGGAGGAG 1200
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QY 1141 AAGAGAAATGAAGAGGGGCTTGGAGATGAGAAAGAGAGAAAGGAGGAGGAGGAGGAG 1200
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QY 1381 AGATGATTTTGGCTGAGTCTGATCGAGATATGCTATTGGCTTCTATATGCGAGT 1440
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QY 1501 GCAACCCCAAGCAACTTCTGTTTGTCTTGTGATACCGGCTCGGCGGAGCAAAAGTGG 1560
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QY 1561 GAAACTTCGAGTGTGTAAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 1620
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QY 1621 TGAGGATGAAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1680
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QY 1681 AAGCATCAATTTTGAAGCAGAACTGCGCAAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 1740
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QY 1681 AAGCATCAATTTTGAAGCAGAACTGCGCAAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 1740
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QY 1741 CGTCTGCTGTTTTCAGGCTTATGTCAGATAGGCTTTTATCTGCGATGAGTGAATGTT 1800
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QY 1741 CGTCTGCTGTTTTCAGGCTTATGTCAGATAGGCTTTTATCTGCGATGAGTGAATGTT 1800
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QY 1801 ACTATCTTTATTTGACTTTGATGTCAGTCCCTGGTCTTTTATCTGATATGATGATGATGAT 1860
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QY 1861 GACCTCTGGCATTTTAGAATTAATGAGTGAAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 1920
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QY 1861 GACCTCTGGCATTTTAGAATTAATGAGTGAAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 1920
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QY 1921 TGTAAAGTGCCTTTCTGTTATGATATGCAATATGCTTTTAAATATCATATCATATCATATG 1980
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QY 1921 TGTAAAGTGCCTTTCTGTTATGATATGCAATATGCTTTTAAATATCATATCATATCATATG 1980
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QY 1981 ATCTTCTCAGTCAATTTCTGAATCTTTCCNCAATATATATAAATATGGAAGGAGGAGGAGG 2040
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QY 2041 TATCTCCCTCCTCNGATATCTGATTTGTATGATGATGATGATGATGATGATGATGATGAT 2100
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QY 2101 CATTCTAGAAATGAAAAAAGCAGAGAAATGTTAACTGTTGACTCTTATGAT 2160
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QY 2161 ACTCTTGAAACTATGACATCAAGATAGACTTTTGGCTTAAGTGGCTTACGCTGGGCTT 2220
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QY 2221 TCATAGCCAAACTGTATATTTTAACTCTTGTGTAATATAA 2260
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RESULT 18

US-09-978-757A-118
; Sequence 118, Application US/09978757A
; Publication No. US20030083248A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C26
; CURRENT FILING DATE: 2002-03-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
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; PRIOR APPLICATION NUMBER: 60/082704
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082804
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082700
; PRIOR FILING DATE: 1998-04-22

1	PRIOR APPLICATION NUMBER: 60/082797	QY	1	CGGACGCGTGGGTGCGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGAGGAGCGGCG	60
1	PRIOR FILING DATE: 1998-04-22	Db	1	CGGACGCGTGGGTGCGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGAGGAGCGGCG	60
1	PRIOR APPLICATION NUMBER: 60/083336	QY	61	GCTTAGCTGCTAGCGGGTCCGGCCGCGGCTCCGAGGGGGGCTCAGGAGGAGGA	120
1	PRIOR FILING DATE: 1998-04-27	Db	61	GCTTAGCTGCTAGCGGGTCCGGCCGCGGCTCCGAGGGGGGCTCAGGAGGAGGA	120
1	PRIOR APPLICATION NUMBER: 60/083322	QY	121	GGACCCGTCGAGAAATGCCCTCTGCCCTGGAGCCTTGGCGTCCCGCTGCTCTCTCTCT	180
1	PRIOR FILING DATE: 1998-04-28	Db	121	GGACCCGTCGAGAAATGCCCTCTGCCCTGGAGCCTTGGCGTCCCGCTGCTCTCTCTCT	180
1	PRIOR APPLICATION NUMBER: 60/083495	QY	181	TGGCAGGTGCTTTCGGGAACGCGGCGCAGTGCAGAGGATCACGGGTTGTAGCATCGGCAC	240
1	PRIOR FILING DATE: 1998-04-29	Db	181	TGGCAGGTGCTTTCGGGAACGCGGCGCAGTGCAGAGGATCACGGGTTGTAGCATCGGCAC	240
1	PRIOR APPLICATION NUMBER: 60/083545	QY	241	GTGAGCCTGGGCTCTGTCACTATGGAATGAACTGGCTTGGCTTACGGCTGGAGAGAA	300
1	PRIOR FILING DATE: 1998-04-29	Db	241	GTGAGCCTGGGCTCTGTCACTATGGAATGAACTGGCTTGGCTTACGGCTGGAGAGAA	300
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1	PRIOR APPLICATION NUMBER: 60/083500	QY	361	GACCAACAAATGCAGATGCTTTCAGAGATACACCGGGAACCTGCAGTCAAGATGTGA	420
1	PRIOR FILING DATE: 1998-04-29	Db	361	GACCAACAAATGCAGATGCTTTCAGAGATACACCGGGAACCTGCAGTCAAGATGTGA	420
1	PRIOR APPLICATION NUMBER: 60/083742	QY	421	ATGAGTGTGGAATGAAACCCCGGCCATGCCAACACAGATGTGTGAATACACCGGAAGCT	480
1	PRIOR FILING DATE: 1998-04-30	Db	421	ATGAGTGTGGAATGAAACCCCGGCCATGCCAACACAGATGTGTGAATACACCGGAAGCT	480
1	PRIOR APPLICATION NUMBER: 60/084637	QY	481	ACAAGTGTGCTTTCAGTGGGCGCAGATGCTCATGCGAGATGCTAGTGTGTGAATCTTA	540
1	PRIOR FILING DATE: 1998-05-05	Db	481	ACAAGTGTGCTTTCAGTGGGCGCAGATGCTCATGCGAGATGCTAGTGTGTGAATCTTA	540
1	PRIOR APPLICATION NUMBER: 60/084639	QY	541	GGACATGTGCCATGATGATGCTGTCAGTACAGTGTGAGACACAGAGAGGCGCCACAGT	600
1	PRIOR FILING DATE: 1998-05-07	Db	541	GGACATGTGCCATGATGATGCTGTCAGTACAGTGTGAGACACAGAGAGGCGCCACAGT	600
1	PRIOR APPLICATION NUMBER: 60/084598	QY	601	GCCTGTGTCCATCTCTCAGGACTCGGCTGGCCCGCCAAATGGAAGAGACTGTCTAGATATG	660
1	PRIOR FILING DATE: 1998-05-07	Db	601	GCCTGTGTCCATCTCTCAGGACTCGGCTGGCCCGCCAAATGGAAGAGACTGTCTAGATATG	660
1	PRIOR APPLICATION NUMBER: 60/084627	QY	661	ATGAATGTGCTTGTGTAAGTCACTGTCTCCCTACAAATCGAAGATGTGTGAACACATTTG	720
1	PRIOR FILING DATE: 1998-05-07	Db	661	ATGAATGTGCTTGTGTAAGTCACTGTCTCCCTACAAATCGAAGATGTGTGAACACATTTG	720
1	PRIOR APPLICATION NUMBER: 60/085339	QY	721	GAAGTACTACTGCAAAATGTCATGTTGTTTTCGAACTGCAATATATCAGTGGACGATATG	780
1	PRIOR FILING DATE: 1998-05-13	Db	721	GAAGTACTACTGCAAAATGTCATGTTGTTTTCGAACTGCAATATATCAGTGGACGATATG	780
1	PRIOR APPLICATION NUMBER: 60/085323	QY	781	ACTGTATAGATATAAATGAATGTACTATGGATAGCCATACGTGCAGCCACCATGCCAAT	840
1	PRIOR FILING DATE: 1998-05-13	Db	781	ACTGTATAGATATAAATGAATGTACTATGGATAGCCATACGTGCAGCCACCATGCCAAT	840
1	PRIOR APPLICATION NUMBER: 60/085700	QY	841	GCTTCAATACCAAGGCTCTTCAAGTGTAAATGCAAGAGGATATAAAGGCAATGGAC	900
1	PRIOR FILING DATE: 1998-05-15	Db	841	GCTTCAATACCAAGGCTCTTCAAGTGTAAATGCAAGAGGATATAAAGGCAATGGAC	900
1	PRIOR APPLICATION NUMBER: 60/085579	QY	901	TTCCGTTGTTCTGCTATCCCTGAAAATTCGTGGAAGGAGTCTCAGAGCACCTGGTACCA	960
1	PRIOR FILING DATE: 1998-05-15	Db	901	TTCCGTTGTTCTGCTATCCCTGAAAATTCGTGGAAGGAGTCTCAGAGCACCTGGTACCA	960
1	PRIOR APPLICATION NUMBER: 60/085573	QY	961	TCAAAGACAGAAATCAAGAGTGTGCTCACAATAACAGCATGAAAGAGGCAAAAA	1020
1	PRIOR FILING DATE: 1998-05-15	Db	961	TCAAAGACAGAAATCAAGAGTGTGCTCACAATAACAGCATGAAAGAGGCAAAAA	1020
1	PRIOR APPLICATION NUMBER: 60/085704	QY	1021	TTAAAAATGTTTACCCCGAACCACAGGACTCTACCCCTTAAGGTGAATTTGAGGCCCT	1080
1	PRIOR FILING DATE: 1998-05-15	Db	1021	TTAAAAATGTTTACCCCGAACCACAGGACTCTACCCCTTAAGGTGAATTTGAGGCCCT	1080

Query Match 99.7%; Score 2253; DB 10; Length 2260;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1081 TCAACTATGAAGAGATAGTTCCTCCAGAGCGGGAACCTCTCATGAGGTAAAAAGGGAATG 1140
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1141 AAGAGAAATGAAGAGGGGCTTGAGATGAGAAAGAGAGAAAGCCCTGAGAGATGA 1200
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1381 AGATGATTTGACTGGAATCTGCTGATCGAGATTAATGCTATTGGCTTCTATATGGCAGT 1440
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1801 ACTATCTTTATTTGACTTGTATGTCAGTCCCTGGTTTTTTTGTATTCATCATAG 1860
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Qy 2221 TCATAGCCCAACTTGTATATTATTTATTTCTTTGTAATAATAA 2260
Db 2221 TCATAGCCCAACTTGTATATTATTTATTTCTTTGTAATAATAA 2260
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; Sequence 118, Application US/09978187B
; Publication No. US20030096744A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary B.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC5
; CURRENT APPLICATION NUMBER: US/09/978,187B
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
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; PRIOR APPLICATION NUMBER: 60/077641
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; PRIOR APPLICATION NUMBER: 60/077791
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; PRIOR FILING DATE: 1998-03-13
; PRIOR APPLICATION NUMBER: 60/078886
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078936
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20

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2 PRIOR FILING DATE: 1998-03-20
3 PRIOR APPLICATION NUMBER: 60/079294
4 PRIOR FILING DATE: 1998-03-25
5 PRIOR APPLICATION NUMBER: 60/079656
6 PRIOR FILING DATE: 1998-03-26
7 PRIOR APPLICATION NUMBER: 60/079664
8 PRIOR FILING DATE: 1998-03-27
9 PRIOR APPLICATION NUMBER: 60/079689
10 PRIOR FILING DATE: 1998-03-27
11 PRIOR APPLICATION NUMBER: 60/079663
12 PRIOR FILING DATE: 1998-03-27
13 PRIOR APPLICATION NUMBER: 60/079728
14 PRIOR FILING DATE: 1998-03-27
15 PRIOR APPLICATION NUMBER: 60/079786
16 PRIOR FILING DATE: 1998-03-27
17 PRIOR APPLICATION NUMBER: 60/079920
18 PRIOR FILING DATE: 1998-03-30
19 PRIOR APPLICATION NUMBER: 60/079923
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27 PRIOR APPLICATION NUMBER: 60/080194
28 PRIOR FILING DATE: 1998-03-31
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63 PRIOR APPLICATION NUMBER: 60/082704
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69 PRIOR APPLICATION NUMBER: 60/082797
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71 PRIOR APPLICATION NUMBER: 60/082796
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1 PRIOR FILING DATE: 1998-04-27
2 PRIOR APPLICATION NUMBER: 60/083322
3 PRIOR FILING DATE: 1998-04-28
4 PRIOR APPLICATION NUMBER: 60/083392
5 PRIOR FILING DATE: 1998-04-29
6 PRIOR APPLICATION NUMBER: 60/083495
7 PRIOR FILING DATE: 1998-04-29
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17 PRIOR FILING DATE: 1998-04-29
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21 PRIOR FILING DATE: 1998-04-29
22 PRIOR APPLICATION NUMBER: 60/083742
23 PRIOR FILING DATE: 1998-04-30
24 PRIOR APPLICATION NUMBER: 60/084366
25 PRIOR FILING DATE: 1998-05-05
26 PRIOR APPLICATION NUMBER: 60/084414
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28 PRIOR APPLICATION NUMBER: 60/084441
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30 PRIOR APPLICATION NUMBER: 60/084637
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34 PRIOR APPLICATION NUMBER: 60/084640
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43 PRIOR FILING DATE: 1998-05-07
44 PRIOR APPLICATION NUMBER: 60/085339
45 PRIOR FILING DATE: 1998-05-13
46 PRIOR APPLICATION NUMBER: 60/085338
47 PRIOR FILING DATE: 1998-05-13
48 PRIOR APPLICATION NUMBER: 60/085323
49 PRIOR FILING DATE: 1998-05-13
50 PRIOR APPLICATION NUMBER: 60/085582
51 PRIOR FILING DATE: 1998-05-15
52 PRIOR APPLICATION NUMBER: 60/085700
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54 PRIOR APPLICATION NUMBER: 60/085689
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56 PRIOR APPLICATION NUMBER: 60/085579
57 PRIOR FILING DATE: 1998-05-15
58 PRIOR APPLICATION NUMBER: 60/085580
59 PRIOR FILING DATE: 1998-05-15
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62 PRIOR APPLICATION NUMBER: 60/085704
63 PRIOR FILING DATE: 1998-05-15
64 PRIOR APPLICATION NUMBER: 60/085697

Query Match 99.7%; Score 2253; DB 10; Length 2260;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGTGGAGTGGAGCGGAGGACCGAGCGGCTGAGGAGAGAGGAGGCGCG 60

DB 1 CGGACGCGTGGTGGAGTGGAGCGGAGGACCGAGCGGCTGAGGAGAGAGGAGGCGCG 60

QY 61 GCTTAGCTGCTACGGGGTCCGGCCGGCCCTCCGAGGGGGCTCAGAGAGAGAA 120
DB 61 GCTTAGCTGCTACGGGGTCCGGCCGGCCCTCCGAGGGGGCTCAGAGAGAGAA 120
QY 121 GGAACCGTGGAGAAATGCTCTGCTGAGAGCTTGGCGTCCCGTGGCTGCTCTCTGGG 180
DB 121 GGAACCGTGGAGAAATGCTCTGCTGAGAGCTTGGCGTCCCGTGGCTGCTCTCTGGG 180
QY 181 TGGCAGGTGGTTTTCGGGAAACGGGGCCAGTGCAGGCAATCAGGGTGTGTAGCATCGGCAC 240
DB 181 TGGCAGGTGGTTTTCGGGAAACGGGGCCAGTGCAGGCAATCAGGGTGTGTAGCATCGGCAC 240
QY 241 GTGAGCTGGGCTGCTGCTACTATGGAATTAACCTGGCGCTGCTACCGCTGGAGAGAA 300
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QY 361 GACCAACAAATGAGATGCTTTCAGGATACACCGGGAAACCTGCACTCAAGATGGA 420
DB 361 GACCAACAAATGAGATGCTTTCAGGATACACCGGGAAACCTGCACTCAAGATGGA 420
QY 421 ATGAGTGTGAATGAACCCCGGCCATGCCAACACAGATGTGTGAATACACACCGGAAGCT 480
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DB 841 GCTTCAATACCAAGGTCCTTCAAGTGTAAATGCAAGCAGGATATAAAGCAATGGAC 900
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QY 1861 GACCTCTGCAATTTAGAAATTAAGTGAATAATGTAATGTAATGTAATGTAATGTAAT 1920
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QY 1921 TGTAAGATGCTTCTGTAAGATATGCCAATATTTGCTTTAAATATCATATCATCTGT 1980
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QY 1981 ATCTCTCAGTCAATTTCTGAATCTTTCCNCAATTAATTAATAAATNTGAAANGTCAGTT 2040
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DB 2041 TATCTCCCTCCTCNGTATATCTGATTTGTATANGTANGTANGTANGTANGTANGTANGTANG 2100
QY 2101 CATTTCTAGAAATAGAAAAAAGCAGAGAAATGTTTAACTGTTTGACTCTTATGAT 2160
DB 2101 CATTTCTAGAAATAGAAAAAAGCAGAGAAATGTTTAACTGTTTGACTCTTATGAT 2160
QY 2161 ACTTCTTGAAGACTATGACATCAAGATAGACTTTTGGCTTAAGTGGCTTAGTGGGCTTT 2220
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QY 2221 TCATAGCCAACTGATATTTAAATCTTTGTAATAATAA 2260

Db 1321 AAATATCTCGGTGACTGCGAGCTTCAATCATGGGATGTGACTGGAAACAGAGATAGAGA 1380
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Qy 1621 TGAGGATGAAAGTGAAGACAGGGAATTCAGTTGTATCAAGGAACTGATGCTACCAA 1680
Db 1621 TGAGGATGAAAGTGAAGACAGGGAATTCAGTTGTATCAAGGAACTGATGCTACCAA 1680
Qy 1681 AAGCATCATTTTGAAGCAGACAGTGGCAAGGCAAAACCCGCGAAATCGCAGTGAATGG 1740
Db 1681 AAGCATCATTTTGAAGCAGACAGTGGCAAGGCAAAACCCGCGAAATCGCAGTGAATGG 1740
Qy 1741 CGTCTGCTGTTGTCAGGCTTATGTCAGATAGCCCTTTATCTGTGATGATCAATGTT 1800
Db 1741 CGTCTGCTGTTGTCAGGCTTATGTCAGATAGCCCTTTATCTGTGATGATCAATGTT 1800
Qy 1801 ACTATCTTTATTTGACCTTGTATGTAGTCCCTGCTGTTTTTGTATTTGATTTGATCATAG 1860
Db 1801 ACTATCTTTATTTGACCTTGTATGTAGTCCCTGCTGTTTTTGTATTTGATTTGATCATAG 1860
Qy 1861 GACCTCTGCATTTAGAAATTAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGT 1920
Db 1861 GACCTCTGCATTTAGAAATTAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGT 1920
Qy 1921 TGTAAAGTGCCTTCTGTTGATAGTATGCAATATTTGCTTTAAATATATATATCACTGT 1980
Db 1921 TGTAAAGTGCCTTCTGTTGATAGTATGCAATATTTGCTTTAAATATATATATCACTGT 1980
Qy 1981 ATCTTCTCAGTCAATTTCTGAATTTTCNCATTTATATATATAAAATNTGAAANGTCAGTT 2040
Db 1981 ATCTTCTCAGTCAATTTCTGAATTTTCNCATTTATATATATAAAATNTGAAANGTCAGTT 2040
Qy 2041 TATCTCCCTCCTGCTATATCTGATTTGTATANGTANGTANGTANGTANGTANGTANGTANG 2100
Db 2041 TATCTCCCTCCTGCTATATCTGATTTGTATANGTANGTANGTANGTANGTANGTANGTANG 2100
Qy 2101 CATTTCTAGAAAAATAGAAAAAAGCAGAGAAATGTTTAACTGTTTGTACTTTATGAT 2160
Db 2101 CATTTCTAGAAAAATAGAAAAAAGCAGAGAAATGTTTAACTGTTTGTACTTTATGAT 2160
Qy 2161 ACTTCTGGAACATGACATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGGCTTT 2220
Db 2161 ACTTCTGGAACATGACATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGGCTTT 2220
Qy 2221 TCATAGCCAACTTGATATTTTAAATCTTTGTAATAATAA 2260
Db 2221 TCATAGCCAACTTGATATTTTAAATCTTTGTAATAATAA 2260

RESULT 21
US-09-978-375A-118
; Sequence 118, Application US/09978375A
; Publication No. US20030130181A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan

; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C24
; CURRENT APPLICATION NUMBER: US/09/978,375A
; CURRENT FILING DATE: 2002-04-19
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 118
; LENGTH: 2260
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: unsure
; LOCATION: 2009, 2026, 2033, 2055, 2074, 2078, 2086
; OTHER INFORMATION: unknown base
US-09-978-375A-118

Query Match 99.7%; Score 2253; DB 10; Length 2260;

Best Local Similarity 100.0%; Pred. No. 0;

Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGGACGCTGGGTGCGAGTGGAGCGGAGGAGCCCGAGCGGCTGAGGAGAGAGAGGCGGCG 60
Db 1 CGGACGCTGGGTGCGAGTGGAGCGGAGGAGCCCGAGCGGCTGAGGAGAGAGAGGCGGCG 60
Qy 61 GCTTAGCTGCTACGGGTCGCGCGCGGCGCTCCCGAGGGGGCTCAGGAGGAGGAAGGA 120
Db 61 GCTTAGCTGCTACGGGTCGCGCGCGGCGCTCCCGAGGGGGCTCAGGAGGAGGAAGGA 120
Qy 121 GGACCCGTCGGAATGCTCTGCTGCGCTGGAGCTTGGCTCCCGCTGCTGCTCTCTCTGGG 180
Db 121 GGACCCGTCGGAATGCTCTGCTGCGCTGGAGCTTGGCTCCCGCTGCTGCTCTCTCTGGG 180
Qy 181 TGGCAGGTGGTTTCGGGAACCGGCGCAGTCAAGGCATCAGGGCTTGTAGCATCGGCAC 240
Db 181 TGGCAGGTGGTTTCGGGAACCGGCGCAGTCAAGGCATCAGGGCTTGTAGCATCGGCAC 240
Qy 241 GTCAGCTGGGCTCTGTCACTATGGAATAACTGGCTGCTGCTACGGCTGGGAGAGAA 300
Db 241 GTCAGCTGGGCTCTGTCACTATGGAATAACTGGCTGCTGCTACGGCTGGGAGAGAA 300
Qy 301 ACAGCAAGGAGTCTGTGAAGTACATCGAACCTTGAAGTGAAGTGGTGGAGTGG 360
Db 301 ACAGCAAGGAGTCTGTGAAGTACATCGAACCTTGAAGTGAAGTGGTGGAGTGG 360
Qy 361 GACCAACAAATGCGAGATGCTTTCCAGGATACACCGGAAACCTGCGAGTCAAGTGA 420
Db 361 GACCAACAAATGCGAGATGCTTTCCAGGATACACCGGAAACCTGCGAGTCAAGTGA 420
Qy 421 ATGAGTGTGAATGAACCCCGCCATGCCCAACACAGATGTGTGAATACACACGAGCT 480

421 ATGAGTGTGGAATGAAACCCCGGCCATGTCACACACAGATGTGTGAATACACACGGAAGCT 480
481 ACAGAGTGTGTTGCTCAGTGGCCACATGCTCATGCCAGATGCTAGTGTGTGAATCTTA 540
481 ACAGAGTGTGTTGCTCAGTGGCCACATGCTCATGCCAGATGCTAGTGTGTGAATCTTA 540
541 GGACATGTGCCATGATAAATGTCTCAGTACAGCTGTGTGAAGACACAGAAAGAGGCCACAGT 600
541 GGACATGTGCCATGATAAATGTCTCAGTACAGCTGTGTGAAGACACAGAAAGAGGCCACAGT 600
601 GCCTGTGTCCATCTCTCAGGACTCCGCTCGCCCAATGGAAGAGACTGTCTAGATATTG 660
601 GCCTGTGTCCATCTCTCAGGACTCCGCTCGCCCAATGGAAGAGACTGTCTAGATATTG 660
661 ATGAATGTGCCTCTGGTAAAGTCTATCTGCTCCCTACAAATCGAAGATGTGTGAACACATTTG 720
661 ATGAATGTGCCTCTGGTAAAGTCTATCTGCTCCCTACAAATCGAAGATGTGTGAACACATTTG 720
721 GAAGCTACTACTGCAATGTCAATTTGGTTTCGAATCTGCAATATATCAGTGGACGATATG 780
721 GAAGCTACTACTGCAATGTCAATTTGGTTTCGAATCTGCAATATATCAGTGGACGATATG 780
781 ACTGTATAGATATAAATGAATGTACTATGATAGCCTAGTGCAGCCACCATGCCAATT 840
781 ACTGTATAGATATAAATGAATGTACTATGATAGCCTAGTGCAGCCACCATGCCAATT 840
841 GCTTCAATACCCAGAGGCTCTTCAAGTGTAAATCAAGCAGGGGATATAAAGGCAATGGAC 900
841 GCTTCAATACCCAGAGGCTCTTCAAGTGTAAATCAAGCAGGGGATATAAAGGCAATGGAC 900
901 TTCGGTGTCTGCTATCCCTGAAATCTGTGAAGAGTCTCAGAGCACCCTGTGTACCA 960
901 TTCGGTGTCTGCTATCCCTGAAATCTGTGAAGAGTCTCAGAGCACCCTGTGTACCA 960
961 TCAAGACAGATCAAGAAAGTTGCTGTCTCAAAACACAGATGAAAGAGGCAAA 1020
961 TCAAGACAGATCAAGAAAGTTGCTGTCTCAAAACACAGATGAAAGAGGCAAA 1020
1021 TTAATAATGTACCCAGAACCCACAGACTCTTACCCCTAAGGTGAATCTTCGCGCT 1080
1021 TTAATAATGTACCCAGAACCCACAGACTCTTACCCCTAAGGTGAATCTTCGCGCT 1080
1081 TCAACTATGAAGAGATAGTTTCCAGAGCGGGAACTCTCATGAGGTAAAGAGGGAATG 1140
1081 TCAACTATGAAGAGATAGTTTCCAGAGCGGGAACTCTCATGAGGTAAAGAGGGAATG 1140
1141 AAGAGAAATGAAGAGGCTTGTGAGATGAGAAAGAGAGAGAGCCCTGAAGAAATGA 1200
1141 AAGAGAAATGAAGAGGCTTGTGAGATGAGAAAGAGAGAGAGCCCTGAAGAAATGA 1200
1201 CATAGAGGAGCGAAGCTTSCGAGGAGATGTGTTTCCCTAAGGTGAATGAAGCAGGTGA 1260
1201 CATAGAGGAGCGAAGCTTSCGAGGAGATGTGTTTCCCTAAGGTGAATGAAGCAGGTGA 1260
1261 ATTCGCGCTGATTTGGTCCAAAGGAAGCGCTATCTCCAAACCTGGAACTAAGATTT 1320
1261 ATTCGCGCTGATTTGGTCCAAAGGAAGCGCTATCTCCAAACCTGGAACTAAGATTT 1320
1321 AATATCTCGGTTGACTGAGCTTCAATCATGGGATCTGTGACTGGAACAGGATAGAGA 1380
1321 AATATCTCGGTTGACTGAGCTTCAATCATGGGATCTGTGACTGGAACAGGATAGAGA 1380
1381 AGATGATTTTGAATGGAATCTTCTGATCGAGATATGCTATTTGGCTTCTATATGGCAGT 1440
1381 AGATGATTTTGAATGGAATCTTCTGATCGAGATATGCTATTTGGCTTCTATATGGCAGT 1440
1441 TCCGCGCTTGGCAGGTACAGAGAAACATTTGGCGGATTTGAACTTCTCCCTACCTGACCT 1500
1441 TCCGCGCTTGGCAGGTACAGAGAAACATTTGGCGGATTTGAACTTCTCCCTACCTGACCT 1500
1501 GCAACCCCAAGCAACTTCTGTTTGTCTCTTTGATACCGCTGGCGGAGACAAAGTCGG 1560
1501 GCAACCCCAAGCAACTTCTGTTTGTCTCTTTGATACCGCTGGCGGAGACAAAGTCGG 1560

QY 1561 GAAACTTCGAGTGTGTTGTGAAAAACAGTAACCAATGCCCTGGCATGGGAGAACACCGAG 1620
Db 1561 GAAACTTCGAGTGTGTTGTGAAAAACAGTAACCAATGCCCTGGCATGGGAGAACACCGAG 1620
QY 1621 TGAGGATGAAAGTGAAGACAGGGAATTCAGTGTGTATCAAGNACTGTGCTTACCAA 1680
Db 1621 TGAGGATGAAAGTGAAGACAGGGAATTCAGTGTGTATCAAGNACTGTGCTTACCAA 1680
QY 1681 AAGCATCATTTTTGAAGCAGAACGCTGCGCAAGGCAAAACCGCGCAAAATCGCAGTGGATGG 1740
Db 1681 AAGCATCATTTTTGAAGCAGAACGCTGCGCAAGGCAAAACCGCGCAAAATCGCAGTGGATGG 1740
QY 1741 CGTCTCGCTGTTTCAGGCTTATGTCCAGATAGCCCTTTTATCTGTGGATGACTGATGTT 1800
Db 1741 CGTCTCGCTGTTTCAGGCTTATGTCCAGATAGCCCTTTTATCTGTGGATGACTGATGTT 1800
QY 1801 ACTATCTTATATTTGACTTTGTATGTCTAGTTCCTCGCTTTTTCATATTTGATATTTGAT 1860
Db 1801 ACTATCTTATATTTGACTTTGTATGTCTAGTTCCTCGCTTTTTCATATTTGATATTTGAT 1860
QY 1861 GACCTCGGCAATTTAGAAATCTAGCTGAAATTTGTATGTATGACCAACAGAAATTTAT 1920
Db 1861 GACCTCGGCAATTTAGAAATCTAGCTGAAATTTGTATGTATGACCAACAGAAATTTAT 1920
QY 1921 TGTAGATGCTTCTGTTATAGATATGCAATATTTGCTTTTAAATATCATATCACTGT 1980
Db 1921 TGTAGATGCTTCTGTTATAGATATGCAATATTTGCTTTTAAATATCATATCACTGT 1980
QY 1981 ATCTTCTCAGTCAATTTCTGAATCTTTCNCATTTATATATAAATTTGGAANGTCAGTT 2040
Db 1981 ATCTTCTCAGTCAATTTCTGAATCTTTCNCATTTATATAAATTTGGAANGTCAGTT 2040
QY 2041 TATCTCCCTCCCTCNGTATATCTGATTTGTATGATGTTGATGCTCTCTCTACAA 2100
Db 2041 TATCTCCCTCCCTCNGTATATCTGATTTGTATGATGTTGATGCTCTCTCTACAA 2100
QY 2101 CATTTCTAGAAAAATAGAAAAAAGACAGAGAAATGTTTAACTGTTTGTACTTTATGAT 2160
Db 2101 CATTTCTAGAAAAATAGAAAAAAGACAGAGAAATGTTTAACTGTTTGTACTTTATGAT 2160
QY 2161 ACTTCTTGGAACTATGACATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGGCTT 2220
Db 2161 ACTTCTTGGAACTATGACATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGGCTT 2220
QY 2221 TCATAGCCAAACTTGTATATTTAATTTCTTTGTAATAATA 2260
Db 2221 TCATAGCCAAACTTGTATATTTAATTTCTTTGTAATAATA 2260

RESULT 22
US-09-978-298A-118
; Sequence 118, Application US/09978298A
; Publication No. US20030134785A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.

APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas P.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630PIC2
CURRENT APPLICATION NUMBER: US/09/978,298A
CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: 60/078004
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PRIOR FILING DATE: 1998-03-20
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PRIOR APPLICATION NUMBER: 60/079294
PRIOR FILING DATE: 1998-03-25
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PRIOR APPLICATION NUMBER: 60/083554
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083558
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083559
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083500
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083742
PRIOR FILING DATE: 1998-04-30
PRIOR APPLICATION NUMBER: 60/084366
PRIOR FILING DATE: 1998-05-05
PRIOR APPLICATION NUMBER: 60/084414
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084441
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084637
PRIOR FILING DATE: 1998-05-07

[illegible]

1621 TGAGGATGAAGATGGAGACAGGGAATTCAGTTGTATCAAGAACTGATGCTACCA 1680
1621 TGAGGATGAAGATGGAGACAGGGAATTCAGTTGTATCAAGAACTGATGCTACCA 1680
1681 AAGCATCATTTTGAAGCAGAGACGTCGCAAGGCAAAACCGCGGAAATCGCAGTGGATGG 1740
1681 AAGCATCATTTTGAAGCAGAGACGTCGCAAGGCAAAACCGCGGAAATCGCAGTGGATGG 1740
1741 CGTCTGCTGTTTTCAGGCTTATGTCAGATAGCCTTTTATCTGTGATGACTGAATGTT 1800
1741 CGTCTGCTGTTTTCAGGCTTATGTCAGATAGCCTTTTATCTGTGATGACTGAATGTT 1800
1801 ACTATCTTTATATTTGACCTTTGATGTGATGTCAGTTCCCTGCTTTTTTTTGATGATCATATAG 1860
1801 ACTATCTTTATATTTGACCTTTGATGTGATGTCAGTTCCCTGCTTTTTTTTGATGATCATATAG 1860
1861 GACCTCTGCAATTTAGAAATTAAGTACTAGCTGAAATTAAGTACTAGCTGAAATTAATAT 1920
1861 GACCTCTGCAATTTAGAAATTAAGTACTAGCTGAAATTAAGTACTAGCTGAAATTAATAT 1920
1921 TGTAAGATGCTTTCTTTGATTAAGATATGCAATATTTTAAATATCATATCACTGT 1980
1921 TGTAAGATGCTTTCTTTGATTAAGATATGCAATATTTTAAATATCATATCACTGT 1980
1981 ATCTTCTAGTCAATTTCTGAAATCTTCCNCAATATATTAATAATNTGGAANGTCAGTT 2040
1981 ATCTTCTAGTCAATTTCTGAAATCTTCCNCAATATATTAATAATNTGGAANGTCAGTT 2040
2041 TATCTCCCTCTCCNGTATATCTGATTTGTATANGTANGTGTCTCTCTACAA 2100
2041 TATCTCCCTCTCCNGTATATCTGATTTGTATANGTANGTGTCTCTCTCTACAA 2100
2101 CATTTCTAGAAATAGAAAAAAGCAGACAGAAATGTTAACTGTTTGACTCTTATGAT 2160
2101 CATTTCTAGAAATAGAAAAAAGCAGACAGAAATGTTAACTGTTTGACTCTTATGAT 2160
2161 ACTTCTGGAACATGACATCAAGATAGACTTTGCTAGTGCGCTTAGCTGGTCTT 2220
2161 ACTTCTGGAACATGACATCAAGATAGACTTTGCTAGTGCGCTTAGCTGGTCTT 2220
2221 TCATAGCAAACTGTATATTTAAATCTTTGTAATAATAA 2260
2221 TCATAGCAAACTGTATATTTAAATCTTTGTAATAATAA 2260

RESULT 23
US-09-978-188A-118
; Sequence 118, Application US/09978188A
; Publication No. US20030139328A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Sheiton, David L.

; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C8
; CURRENT APPLICATION NUMBER: US/09/978,188A
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
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; PRIOR APPLICATION NUMBER: 60/080327
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080328
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080333
; PRIOR FILING DATE: 1998-04-01
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; PRIOR FILING DATE: 1998-04-01

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PRIOR APPLICATION NUMBER: 60/085573
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697

Query Match 99.7%; Score 2253; DB 10; Length 2260;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGTGGAGTGGAGCGGAGCGGCGGCTGAGGAGAGAGCGCGCG 60
DB 1 CGGACGCGTGGGTGGAGTGGAGCGGAGCGGCGGCTGAGGAGAGAGCGCGCG 60
QY 61 GCTTAGCTGCTACGGGTGGCGGCGGCGGCTCCGAGGCGGCTCAGGAGAGAGAA 120
DB 61 GCTTAGCTGCTACGGGTGGCGGCGGCGGCTCCGAGGCGGCTCAGGAGAGAGAA 120
QY 121 GGACCCGTGGAGAGTGCCTCTGCCCTGGAGCGCTTCCGCTCCCGTGTCTCTCTGG 180
DB 121 GGACCCGTGGAGAGTGCCTCTGCCCTGGAGCGCTTCCGCTCCCGTGTCTCTCTGG 180
QY 181 TGGCAGTGTGTTTCGGGACCGCGGCGGCTGCAAGGCGATCACGGGTTGTAGCATGGCAC 240
DB 181 TGGCAGTGTGTTTCGGGACCGCGGCGGCTGCAAGGCGATCACGGGTTGTAGCATGGCAC 240
QY 241 GTACAGCTGGGGTCTGTCACTATGGAATGAACTGAACTGGCTGCTACGGCTGGAGAGAA 300
DB 241 GTACAGCTGGGGTCTGTCACTATGGAATGAACTGAACTGGCTGCTACGGCTGGAGAGAA 300
QY 301 ACAGCAAGGAGTCTGTGAAGCTACATGCGAACCTGGATGTAAGTTGGTGTAGTGGTGG 360
DB 301 ACAGCAAGGAGTCTGTGAAGCTACATGCGAACCTGGATGTAAGTTGGTGTAGTGGTGG 360
QY 361 GACCAAACTGAGATGATGCTTCCAGGATACACCGGGAACCTGCACTCAAGATGCA 420
DB 361 GACCAAACTGAGATGATGCTTCCAGGATACACCGGGAACCTGCACTCAAGATGCA 420
QY 421 ATGAGTGTGAATGAAACCCCGGCGCATGCCAACACAGATGTGTGAATACACCGGAGCT 480
DB 421 ATGAGTGTGAATGAAACCCCGGCGCATGCCAACACAGATGTGTGAATACACCGGAGCT 480
QY 481 ACAAGTGTGCTTGGCTCAGTGGCGCATGCTCATGCGAGATGCTAGTGTGTGAACCTCTA 540
DB 481 ACAAGTGTGCTTGGCTCAGTGGCGCATGCTCATGCGAGATGCTAGTGTGTGAACCTCTA 540
QY 541 GGACATGTGCCATGATAAAGTGTGAGTGTGAGTGTGAGTGTGAGTGTGAGTGTGAGTGTG 600
DB 541 GGACATGTGCCATGATAAAGTGTGAGTGTGAGTGTGAGTGTGAGTGTGAGTGTGAGTGTG 600

QY	601	GCCTGTGTCACCTCTCAGGACTCCGGCTGGCCCCAAATGGGAAGAGACTGTCTAGATATTG	660
DB	601	GCCTGTGTGCATCCTCAGGACTCCGGCTGGCCCCAAATGGGAAGAGACTGTCTAGATATTG	660
QY	661	ATGAATGTGCCCTCTGGTAAAGTCACTGTGCCCTACAATCGGAAGATGTGTGAACACATTTG	720
DB	661	ATGAATGTGCCCTCTGGTAAAGTCACTGTGCCCTACAATCGGAAGATGTGTGAACACATTTG	720
QY	721	GAAGCTTACTACTGCAAAATGTCACTTTGGTTTGCAACTGCAATATATCATAGTGGAGCAGATATG	780
DB	721	GAAGCTTACTACTGCAAAATGTCACTTTGGTTTGCAACTGCAATATATCATAGTGGAGCAGATATG	780
QY	781	ACTGTATAGATATAAATGAATGTACTATCGATAGCCATACGTCGAGCCACCATGCCAATT	840
DB	781	ACTGTATAGATATAAATGAATGTACTATCGATAGCCATACGTCGAGCCACCATGCCAATT	840
QY	841	GCTTCAATACCCAAGGGTCCTTCAAGTGTAAATGCAAGCAGGGATATAAAGCCAATGGAC	900
DB	841	GCTTCAATACCCAAGGGTCCTTCAAGTGTAAATGCAAGCAGGGATATAAAGCCAATGGAC	900
QY	901	TTCCGTTGTTCTGCTATCCCTGAAAATTCGTGAAGGAAGTCCCTCAGAGCACTCTGTATCCA	960
DB	901	TTCCGTTGTTCTGCTATCCCTGAAAATTCGTGAAGGAAGTCCCTCAGAGCACTCTGTGTACCA	960
QY	961	TCAAGACAGCAAAATCAAGAAGTTGCTTGTCTCACAAAACACAGCATGAATAAAGGCAAAAA	1020
DB	961	TCAAGACAGCAAAATCAAGAAGTTGCTTGTCTCACAAAACACAGCATGAATAAAGGCAAAAA	1020
QY	1021	TTAAAAATGTTACCCAGAAACCCACAGGACTCTACCCCTTAAGGTGAACCTTGCAGCCCT	1080
DB	1021	TTAAAAATGTTTACCCAGAAACCCACAGGACTCTTACCCCTTAAGGTGAACCTTGCAGCCCT	1080
QY	1081	TCAACTATGAAGAGATAGTTTCCAGAGGGGGAACTCTCATGGAGGTAAAAAAGGGAATG	1140
DB	1081	TCAACTATGAAGAGATAGTTTCCAGAGGGGGAACTCTCATGGAGGTAAAAAAGGGAATG	1140
QY	1141	AAGAGAAATGAAGAAGGGGCTTGAGGATAGAAAAAGAGAAGAAAGCCCTGAAGATGA	1200
DB	1141	AAGAGAAATGAAGAAGGGGCTTGAGGATAGAAAAAGAGAAGAAAGCCCTGAAGATGA	1200
QY	1201	CATAGAGGCGGAAGCCTGCGAGGAGATGTGTTTTCCCTTAAGGTCAATGAAGCAGGTGA	1260
DB	1201	CATAGAGGCGGAAGCCTGCGAGGAGATGTGTTTTCCCTTAAGGTCAATGAAGCAGGTGA	1260
QY	1261	ATTCCGGCTGATTTCTGTGTCCAAAGGAAGCGCTAACTTCCAACTGGAACTATTAAGATTT	1320
DB	1261	ATTCCGGCTGATTTCTGTGTCCAAAGGAAGCGCTAACTTCCAACTGGAACTATTAAGATTT	1320
QY	1321	AAATATCTCGTTGACTGCGACTTCAATCATGGATCTGTGATCTGGAACAGGATAGAGA	1380
DB	1321	AAATATCTCGTTGACTGCGACTTCAATCATGGATCTGTGATCTGGAACAGGATAGAGA	1380
QY	1381	AGATGATTTTGACTGGGAATCTGCTGATCGAGATAATGCTATTGGCTTCTATATGGCAGT	1440
DB	1381	AGATGATTTTGACTGGGAATCTGCTGATCGAGATAATGCTATTGGCTTCTATATGGCAGT	1440
QY	1441	TCGGGCTTGGCAGGTCAAGAAGAAGCATTTGCCGATTGAACACTTCTCCTACTGACCT	1500
DB	1441	TCGGGCTTGGCAGGTCAAGAAGAAGCATTTGCCGATTGAACACTTCTCCTACTGACCT	1500
QY	1501	GCAACCCCAAGCAACTTCTGTTTGTCTTTGATTACCGGCTGGCGGAGCAAAAGTCGG	1560
DB	1501	GCAACCCCAAGCAACTTCTGTTTGTCTTTGATTACCGGCTGGCGGAGCAAAAGTCGG	1560
QY	1561	GAAACTTCGAGTGTGTAAGAAAACAGTAAACAATGCGCTGGAGGAAGACACGAG	1620
DB	1561	GAAACTTCGAGTGTGTAAGAAAACAGTAAACAATGCGCTGGAGGAAGACACGAG	1620
QY	1621	TGAGGATGAAGAAGTGAAGACAGGGAATAATTCAGTTGTATCAAGGAAGTGAATGCTACCA	1680
DB	1621	TGAGGATGAAGAAGTGAAGACAGGGAATAATTCAGTTGTATCAAGGAAGTGAATGCTACCA	1680
QY	1681	AAGCATCATTTTTTGAAGCAGAACGTGGCAGGGGCAAAACCGGGCAATTCGGTGGATGG	1740

Db	1681	AGCATCATTTTGAAGCAGAACGCTGCGAGGGCAAAACCGCGAAATCGCAGTGGATGG	1740
Qy	1741	CGTCTTGCTGTTTCAGGCTTAATGCCAGATAGCCCTTTATCTGTGGATGACTGAATGTT	1800
Db	1741	CGTCTGCTGTTTCAGGCTTAATGCCAGATAGCCCTTTATCTGTGGATGACTGAATGTT	1800
Qy	1801	ACTATCTTTATATTTGACATTTGTATGTGTCAGTTCCCTGGTCTTTTTTGTATTTGCCATCATAG	1860
Db	1801	ACTATCTTTATATTTGACATTTGTATGTGTCAGTTCCCTGGTCTTTTTTGTATTTGCCATCATAG	1860
Qy	1861	GACCTCTGCCATTTTAGAANTTACTAGCTGAAAAATTTGTAATCTACCAACAGAAAAATTATAT	1920
Db	1861	GACCTCTGCCATTTTAGAANTTACTAGCTGAAAAATTTGTAATCTACCAACAGAAAAATTATAT	1920
Qy	1921	TGTAAGATGCCCTTCTTGTAAGATATGCCAATATTTGCTTTAAATATCATATCACTGT	1980
Db	1921	TGTAAGATGCCCTTCTTGTAAGATATGCCAATATTTGCTTTAAATATCATATCACTGT	1980
Qy	1981	ATCTTCTCAGTCATTTCTGAATCTTTCNCATTTATATATAAAATNTGGAAANGTCAGTT	2040
Db	1981	ATCTTCTCAGTCATTTCTGAATCTTTCNCATTTATATATAAAATNTGGAAANGTCAGTT	2040
Qy	2041	TATCTCCCTCCTCNGTATATCTGATTTGTATFANGTGTGATGNGCTTCTCTCTACAA	2100
Db	2041	TATCTCCCTCCTCNGTATATCTGATTTGTATFANGTGTGATGNGCTTCTCTCTACAA	2100
Qy	2101	CATTTCTAGAAAAATAGAAAAAAGCACAGAGAAATGTTTAACTGTTTGACTCTTATGAT	2160
Db	2101	CATTTCTAGAAAAATAGAAAAAAGCACAGAGAAATGTTTAACTGTTTGACTCTTATGAT	2160
Qy	2161	ACTTCTGGAAACTATGACATCAAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGGCTCTT	2220
Db	2161	ACTTCTGGAAACTATGACATCAAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGGCTCTT	2220
Qy	2221	TCATAGCCAAACTTGATATTTAAATCTTTGTAATAATAA	2260
Db	2221	TCATAGCCAAACTTGATATTTAAATCTTTGTAATAATAA	2260

RESULT 24

US-09-978-681A-118
; Sequence 118, Application US/09978681A
; Publication NO. US20030195149A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmitted

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Db 1741 CGTCTTGCTTGTTTTCAGGCTTATGTCCAGATAGCCTTTTATCTGTGATGACTGAATGT 1800
Qy 1801 ACTATCTTATATTTGACTTTGTATGTCAGTTCCTGGTTTTTTTGTATATTTGATCATATAG 1860
Db 1801 ACTATCTTATATTTGACTTTGTATGTCAGTTCCTGGTTTTTTTGTATATTTGATCATATAG 1860
Qy 1861 GACCTCTGGCAATTTTGAATTTACTAGCTGAAAAATTTGAAATGTTACCAACAGAAATATTAT 1920
Db 1861 GACCTCTGGCAATTTTGAATTTACTAGCTGAAAAATTTGAAATGTTACCAACAGAAATATTAT 1920
Qy 1921 TGTAGATGCTTCTTCTGTATATGATGATGCAATATTTGCTTAAATATCATATCACTGT 1980
Db 1921 TGTAGATGCTTCTTCTGTATATGATGATGCAATATTTGCTTAAATATCATATCACTGT 1980
Qy 1981 ATCTTCTCAGTCATTTCTGAATCTTTCCNCATTTATATATAAATNTGGAANGTCAGTT 2040
Db 1981 ATCTTCTCAGTCATTTCTGAATCTTTCCNCATTTATATATAAATNTGGAANGTCAGTT 2040
Qy 2041 TATCTCCCTCTCTGTTATATCTGATTTGTATANGTATGATGCTTCTCTACAA 2100
Db 2041 TATCTCCCTCTCTGTTATATCTGATTTGTATANGTATGATGCTTCTCTACAA 2100
Qy 2101 CATTCTAGAAATAGAAAAAGACACAGAGAAATGTTAACTGTTTGACTCTTATGAT 2160
Db 2101 CATTCTAGAAATAGAAAAAGACACAGAGAAATGTTAACTGTTTGACTCTTATGAT 2160
Qy 2161 ACTTCTGAAACTATGATCAATCAAGATAGACTTTTGCCTTAAGTGGCTTAGCTGGGTCCT 2220
Db 2161 ACTTCTGAAACTATGATCAATCAAGATAGACTTTTGCCTTAAGTGGCTTAGCTGGGTCCT 2220
Qy 2221 TCATAGCCAACTCTATATTTAATTTCTTCTATATATAA 2260
Db 2221 TCATAGCCAACTCTATATTTAATTTCTTCTTGAATATAA 2260

RESULT 25

US-09-978-194A-118
; Sequence 118, Application US/09978194A
; Publication No. US2003019533A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C10
; CURRENT APPLICATION NUMBER: US/09/978,194A
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 09/918585

; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
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; PRIOR APPLICATION NUMBER: 60/078004
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; PRIOR APPLICATION NUMBER: 60/078886
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; PRIOR APPLICATION NUMBER: 60/078936
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078939
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; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081071
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081195
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081203
; PRIOR FILING DATE: 1998-04-09

Db 721 GAAGCTACTACTGCAAAATGTCCATTTGGTTTCGAACTGCAATATATACAGTGGACGATATG 780
Qy 781 ACTGTATAGATATAAATGAATGTACTATGATAGCCATAGCTGACGCCACCATGCCAAAT 840
Db 781 ACTGTATAGATATAAATGAATGTACTATGATAGCCATAGCTGACGCCACCATGCCAAAT 840
Qy 841 GCTTCAATPACCAAGGGTCTTCAAGTGTAAATGCAAGCAGGGATATAAAGGCAATGGAC 900
Db 841 GCTTCAATPACCAAGGGTCTTCAAGTGTAAATGCAAGCAGGGATATAAAGGCAATGGAC 900
Qy 901 TTCGGTGTCTGCTATCCTCGAATTTCTGTGAAGGAGTCTTCCAGAGCAGCTGTGATACCA 960
Db 901 TTCGGTGTCTGCTATCCTCGAATTTCTGTGAAGGAGTCTTCCAGAGCAGCTGTGATACCA 960
Qy 961 TCAGAGACAGAAATCAAGAGTGTCTTGTCTCAAAAAACAGCATGAAAGAGGCAAAAA 1020
Db 961 TCAGAGACAGAAATCAAGAGTGTCTTGTCTCAAAAAACAGCATGAAAGAGGCAAAAA 1020
Qy 1021 TTAAAAATGTTACCCAGAACCCACAGGACTCTTACCCCTAAGGTGAATCTTCAGGCCCT 1080
Db 1021 TTAAAAATGTTACCCAGAACCCACAGGACTCTTACCCCTAAGGTGAATCTTCAGGCCCT 1080
Qy 1081 TCAACTATGAGAGATAGTTTCCAGAGCGGGAATCTCTCATGAGGTAAAGAGGGAATG 1140
Db 1081 TCAACTATGAGAGATAGTTTCCAGAGCGGGAATCTCTCATGAGGTAAAGAGGGAATG 1140
Qy 1141 AAGAGAAATGAAGAGGGCTTGAAGATGAGAAAGAGAGAGAAAGCCCTGAGATGA 1200
Db 1141 AAGAGAAATGAAGAGGGCTTGAAGATGAGAAAGAGAGAGAAAGCCCTGAGATGA 1200
Qy 1201 CATAGAGAGCGAAGCCCTGCGAGAGATGTGTTTCCCTAAGGTGAATGAAGCAGGTGA 1260
Db 1201 CATAGAGAGCGAAGCCCTGCGAGAGATGTGTTTCCCTAAGGTGAATGAAGCAGGTGA 1260
Qy 1261 ATTGCGCCTGATTTGGTCCAAAGGAAGCGCTAACTTCCAAACTGGAAACATAAAGATTT 1320
Db 1261 ATTGCGCCTGATTTGGTCCAAAGGAAGCGCTAACTTCCAAACTGGAAACATAAAGATTT 1320
Qy 1321 AAATATCTCGTTGACTGACGATTCATCATGCGGATCTGTGACCTGGAAGAGAGATAGAGA 1380
Db 1321 AAATATCTCGTTGACTGACGATTCATCATGCGGATCTGTGACCTGGAAGAGAGATAGAGA 1380
Qy 1381 AGATGATTTTGAATGGAATCTGTGATCGAGATGAATGCTATTTGGCTTCTATATGGCAGT 1440
Db 1381 AGATGATTTTGAATGGAATCTGTGATCGAGATGAATGCTATTTGGCTTCTATATGGCAGT 1440
Qy 1441 TCGGCGCTTGGCAGGTCAAGAAAGACATTTGCGCGATTGAACTTCTCCTACCTGACCT 1500
Db 1441 TCGGCGCTTGGCAGGTCAAGAAAGACATTTGCGCGATTGAACTTCTCCTACCTGACCT 1500
Qy 1501 GCAACCCCAAGCAACTTCTGTTTGTCTTTGATTTACCGGCTGCGCGGAGACAAAGTCGG 1560
Db 1501 GCAACCCCAAGCAACTTCTGTTTGTCTTTGATTTACCGGCTGCGCGGAGACAAAGTCGG 1560
Qy 1561 GAAACTTCAGTGTGTTGAAAAACNGTACAAATGCTGCTGCGATGGGAGAGACAGCG 1620
Db 1561 GAAACTTCAGTGTGTTGAAAAACNGTACAAATGCTGCTGCGATGGGAGAGACAGCG 1620
Qy 1621 TGAGGATGAAAGTGAAGACAGGGAATTCAGTTGTATCAAGGAACTGATGCTACCAA 1680
Db 1621 TGAGGATGAAAGTGAAGACAGGGAATTCAGTTGTATCAAGGAACTGATGCTACCAA 1680
Qy 1681 AAGATCATTTTGAAGCAGAGCTGGGAGGCGGAAACCCGCGGAAATCGCAGTGGATGG 1740
Db 1681 AAGATCATTTTGAAGCAGAGCTGGGAGGCGGAAACCCGCGGAAATCGCAGTGGATGG 1740
Qy 1741 CGTCTGCTGTTTCAAGCTTATGTCAGATAGCCCTTTATCTGTGGATGATGATGATTT 1800
Db 1741 CGTCTGCTGTTTCAAGCTTATGTCAGATAGCCCTTTATCTGTGGATGATGATGATTT 1800
Qy 1801 ACTATCTTTATATGACTTTGATGCTCAGTTCCCTGGTTTTTTTGAATGATGATGATG 1860
Db 1801 ACTATCTTTATATGACTTTGATGCTCAGTTCCCTGGTTTTTTTGAATGATGATGATG 1860

Qy 1861 GACCTCTGGCAATTTTGAATTTACTAGCTGAAAAATTTGTAATGTACCAACAGAAAAATTTAT 1920
Db 1861 GACCTCTGGCAATTTTGAATTTACTAGCTGAAAAATTTGTAATGTACCAACAGAAAAATTTAT 1920
Qy 1921 TGTAAAGTGGCTTTCTTGTATAGATATGCCATATTTGCTTTAAATATCATATCACTGT 1980
Db 1921 TGTAAAGTGGCTTTCTTGTATAGATATGCCATATTTGCTTTAAATATCATATCACTGT 1980
Qy 1981 ATCTTCTCAGTCATTTCTGAAATCTTCCNCATTTATATAAATNTGGAANGTCAGTT 2040
Db 1981 ATCTTCTCAGTCATTTCTGAAATCTTCCNCATTTATATAAATNTGGAANGTCAGTT 2040
Qy 2041 TATCTCCCTCTCCNGTATATCTGATTTGTATATGATTTGATGCTTCTCTACAA 2100
Db 2041 TATCTCCCTCTCCNGTATATCTGATTTGTATATGATTTGATGCTTCTCTACAA 2100
Qy 2101 CATTTCTAGAAAAATAGAAAAAAGACAGAGAAATGTTTAACTGTTTGAATGAT 2160
Db 2101 CATTTCTAGAAAAATAGAAAAAAGACAGAGAAATGTTTAACTGTTTGAATGAT 2160
Qy 2161 ACTTCTTGGAAAACTATGACATCAAGATAGACTTTTCCCTAAGTGGCTTAGCTGGTCTT 2220
Db 2161 ACTTCTTGGAAAACTATGACATCAAGATAGACTTTTCCCTAAGTGGCTTAGCTGGTCTT 2220
Qy 2221 TCATAGCCAAACTTGTATATTTTAACTTTTGTAAATAAA 2260
Db 2221 TCATAGCCAAACTTGTATATTTTAACTTTTGTAAATAAA 2260

RESULT 26

US-09-999-829A-118

; Sequence 118, Application US/09999829A

; Publication No. US20030195344A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi

; APPLICANT: Baker Kevin P.

; APPLICANT: Botstein, David

; APPLICANT: Desnoyers, Luc

; APPLICANT: Eaton, Dan

; APPLICANT: Ferrara, Napoleon

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Fong, Sherman

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, J. Christopher

; APPLICANT: Gurney, Austin L.

; APPLICANT: Hillan, Kenneth J.

; APPLICANT: Kljavin, Ivar J.

; APPLICANT: Kuo, Sophia S.

; APPLICANT: Napier, Mary A.

; APPLICANT: Pan, James

; APPLICANT: Paoni, Nicholas F.

; APPLICANT: Roy, Margaret Ann

; APPLICANT: Shelton, David L.

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Williams, P. Mickey

; APPLICANT: Wood, William I.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

; TITLE OF INVENTION: Acids Encoding the Same

; FILE REFERENCE: P2630PIC61

; CURRENT APPLICATION NUMBER: US/09/999,829A

; CURRENT FILING DATE: 2002-03-19

; NUMBER OF SEQ ID NOS: 624

; Prior Application removed - See File Wrapper or Palm

; SEQ ID NO 118

; LENGTH: 2260

; TYPE: DNA

; ORGANISM: Homo sapiens

FEATURE:									
; NAME/KEY: unsure									
; LOCATION: 2009, 2026, 2033, 2055, 2074, 2078, 2086									
; OTHER INFORMATION: unknown base									
US-09-999-829A-118									
Query Match 99.7%; Score 2253; DB 10; Length 2260;									
Best Local Similarity 100.0%; Pred. No. 0;									
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;									
QY	1	CGGACCGTGGGTGGAGTGGAGCGGAGCGGACCCGAGCGGCTGAGGAGAGAGAGCGGCGG	60						
DB	1	CGGACCGTGGGTGGAGTGGAGCGGAGGAGCCGAGCGGCTGAGGAGAGAGAGCGGCGG	60						
QY	61	GCTTAGCTCTACGGGGTCCGCGCGCGCCCTCCCGAGGGGGGCTCAGGAGGAGGAAAGGA	120						
DB	61	GCTTAGCTCTACGGGGTCCGCGCGCGCCCTCCCGAGGGGGGCTCAGGAGGAGGAAAGGA	120						
QY	121	GGACCCGTGGAGAAATGCTCTGCGCTGAGGCTTTGCGCTCCCGCTGCTGCTCTCTCTGGG	180						
DB	121	GGACCCGTGGAGAAATGCTCTGCGCTGAGGCTTTGCGCTCCCGCTGCTGCTCTCTCTGGG	180						
QY	181	TGCGAGTGGTTCGGGAAACCGCGGCGAGTGCAGAGCATCAGGGTGTGTAGCATCGGCAC	240						
DB	181	TGCGAGTGGTTCGGGAAACCGCGGCGAGTGCAGAGCATCAGGGTGTGTAGCATCGGCAC	240						
QY	241	GTGAGTGGGTCTGTCACTATGGAATGGAATGGAATGGAATGGAATGGAATGGAATGGA	300						
DB	241	GTGAGTGGGTCTGTCACTATGGAATGGAATGGAATGGAATGGAATGGAATGGAATGGA	300						
QY	301	ACAGCAAGGAGTCTGTGAAGCTTACATGCGAACCTGGATGTAAGTTTGGTGAAGTGGTGG	360						
DB	301	ACAGCAAGGAGTCTGTGAAGCTTACATGCGAACCTGGATGTAAGTTTGGTGAAGTGGTGG	360						
QY	361	GACCAACAAATCCAGATGCTTCCAGGATACACCGGGAACCTGCACTGAGATGGA	420						
DB	361	GACCAACAAATCCAGATGCTTCCAGGATACACCGGGAACCTGCACTGAGATGGA	420						
QY	421	ATGAGTGTGGAATGAAACCCCGGCCATGCCACACAGATGTGTGAATACACCGGAAGCT	480						
DB	421	ATGAGTGTGGAATGAAACCCCGGCCATGCCACACAGATGTGTGAATACACCGGAAGCT	480						
QY	481	ACAGTGTGCTTGGCTCAGTGGCCACATGCTCATGCGAGATGCTGCTGAGTGTGGAATCTA	540						
DB	481	ACAGTGTGCTTGGCTCAGTGGCCACATGCTCATGCGAGATGCTGCTGAGTGTGGAATCTA	540						
QY	541	GGACATGTGCATGATATACTGTGAGTACAGTGTGAGACACAGAGAGAGGCGCACAGT	600						
DB	541	GGACATGTGCATGATATACTGTGAGTACAGTGTGAGACACAGAGAGAGGCGCACAGT	600						
QY	601	GCCTGTGTCCATCTCAGGACTCGGCTGGCCCGCCAAATGGAAGAGACTGTCTAGATATTG	660						
DB	601	GCCTGTGTCCATCTCAGGACTCGGCTGGCCCGCCAAATGGAAGAGACTGTCTAGATATTG	660						
QY	661	ATGAGTGTGCTTGGTAAAGTCACTGTGCTTCAATCAATCGAGATGTGTGAACACATTG	720						
DB	661	ATGAGTGTGCTTGGTAAAGTCACTGTGCTTCAATCAATCGAGATGTGTGAACACATTG	720						
QY	721	GAGCTACTACTGCAAAATGCAATGGTTTGGAACTGCAATATATCATGAGGAGCATATG	780						
DB	721	GAGCTACTACTGCAAAATGCAATGGTTTGGAACTGCAATATATCATGAGGAGCATATG	780						
QY	781	ACTGTATGATATAAATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT	840						
DB	781	ACTGTATGATATAAATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT	840						
QY	841	GCTTCAATACCAAGGGTCTTCAAGTGTAAATGCAAGCAGGAGATATAAGCAATGGAC	900						
DB	841	GCTTCAATACCAAGGGTCTTCAAGTGTAAATGCAAGCAGGAGATATAAGCAATGGAC	900						
QY	901	TTGCGTGTGCTATCCCTGAAATTTCTGAGGAGTCTTCAAGGAGTCTTCAAGGAGTCTTCA	960						
DB	901	TTGCGTGTGCTATCCCTGAAATTTCTGAGGAGTCTTCAAGGAGTCTTCAAGGAGTCTTCA	960						

QY 2041 TATCTCCCTCTCTGTTATATCTGATTTGTATGTATGTATGTTGATGCTTCTCTCTACAA 2100
DB 2041 TATCTCCCTCTCTGTTATATCTGATTTGTATGTATGTATGTTGATGCTTCTCTCTACAA 2100
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DB 2161 ACTTCTTGAAACTATGACATCAGATAGACTTTTGCTTAAGTGGCTTACCTGGGTCCT 2220
QY 2221 TCATAGCCAACTCTGATATATTTAACTTCTTGTAATATAA 2260
DB 2221 TCATAGCCAACTCTGATATATTTAACTTCTTGTAATATAA 2260

RESULT 27

US-09-978-299A-118
; Sequence 118, Application US/09978299A
; Publication No. US20030199435A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C3
; CURRENT APPLICATION NUMBER: US/09/978,299A
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
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; PRIOR APPLICATION NUMBER: 60/077450
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; PRIOR FILING DATE: 1998-03-13
; PRIOR APPLICATION NUMBER: 60/078886
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;; PRIOR APPLICATION NUMBER: 60/085704
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085697

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Best Local Similarity 99.7%; Score 2253; DB 10; Length 2260;
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGGACGGGTGGGTGCGAGTGGAGCGGAGGACCGAGCGGTCTGAGGAGAGAGAGGCGGCG 60
DB 1 CGGACGGGTGGGTGCGAGTGGAGCGGAGGACCGAGCGGTCTGAGGAGAGAGAGGCGGCG 60
QY 61 GCTTAGCTGTCTAGGGGTCCGGGCGGCGGCTCCGAGGGGGGCTCAGGAGGAGAGGA 120
DB 61 GCTTAGCTGTCTAGGGGTCCGGGCGGCGGCTCCGAGGGGGGCTCAGGAGGAGAGGA 120
QY 121 GGACCCGTGGGAGAAATGCTCTGCGCTGGAGCGTTCGCGTCCCGCTGCTCTCTCTGGG 180
DB 121 GGACCCGTGGGAGAAATGCTCTGCGCTGGAGCGTTCGCGTCCCGCTGCTCTCTCTGGG 180
QY 181 TGGCAGGTGGTTCGGGAGCGGCGGCGGCTGCAAGGATCACGGGTGTAGCATGGCAC 240
DB 181 TGGCAGGTGGTTCGGGAGCGGCGGCGGCTGCAAGGATCACGGGTGTAGCATGGCAC 240
QY 241 GTCAAGCTGGGGTCTGTCACTATGGAACTAACTGGCTGCTACGGCTGAGAGAA 300
DB 241 GTCAAGCTGGGGTCTGTCACTATGGAACTAACTGGCTGCTACGGCTGAGAGAA 300
QY 301 ACAGCAAGGAGTCTGTGAAGTACATGGCAACTGATGTAAGTTTGTGTGAGTGGTGG 360
DB 301 ACAGCAAGGAGTCTGTGAAGTACATGGCAACTGATGTAAGTTTGTGTGAGTGGTGG 360
QY 361 GACCAAAACAATGCAGATGCTTTCAGAGATACACGGGAAACCTGCAAGTGAAGTGA 420
DB 361 GACCAAAACAATGCAGATGCTTTCAGAGATACACGGGAAACCTGCAAGTGAAGTGA 420
QY 421 ATGAGTGTGAATGAAACCCCGGCCATGCGAACACACAGATGTGTGAATACACAGGAAGT 480
DB 421 ATGAGTGTGAATGAAACCCCGGCCATGCGAACACACAGATGTGTGAATACACAGGAAGT 480
QY 481 ACAAGTCTTTTGGCTCAGTGGCCACATGCTATGCGAGATGCTAGTGTGTAATCTTA 540
DB 481 ACAAGTCTTTTGGCTCAGTGGCCACATGCTATGCGAGATGCTAGTGTGTAATCTTA 540
QY 541 GGACATGTGCCATGATAAACTGTCACTAGCTGTGAAGACACAGAGAGAGGCGCACAGT 600
DB 541 GGACATGTGCCATGATAAACTGTCACTAGCTGTGAAGACACAGAGAGAGGCGCACAGT 600
QY 501 GCCTGTGTCCATCCTCAGAGACTCCGCTCGCCCAATGGAAGAGACTGTCTAGATATTG 660
DB 501 GCCTGTGTCCATCCTCAGAGACTCCGCTCGCCCAATGGAAGAGACTGTCTAGATATTG 660
QY 661 ATGAATGTGCTCTGGTAAAGTCACTGTCCCTACAAATCGAAGATGTGTGAACACATTG 720
DB 661 ATGAATGTGCTCTGGTAAAGTCACTGTCCCTACAAATCGAAGATGTGTGAACACATTG 720
QY 721 GAAGCTACTACTGCAAAATGTCAATTTGGTTTGAAGTGAAGTGAAGTGAAGTGAAGT 780
DB 721 GAAGCTACTACTGCAAAATGTCAATTTGGTTTGAAGTGAAGTGAAGTGAAGTGAAGT 780
QY 781 ACTGTATAGATATAAATGAATGATGATGATGATGATGATGATGATGATGATGATGAT 840
DB 781 ACTGTATAGATATAAATGAATGATGATGATGATGATGATGATGATGATGATGATGAT 840
QY 841 GCTTCAATACCCAAAGGGTCTTCAAGTGAATGCAAGCAGGGATATAAAGGCAATGAC 900
DB 841 GCTTCAATACCCAAAGGGTCTTCAAGTGAATGCAAGCAGGGATATAAAGGCAATGAC 900
QY 901 TTCGGTGTCTGCTATCCCTGAAAATTTCTGCAAGAGAGTCTCAGAGCAGCTGTGATCA 960
DB 901 TTCGGTGTCTGCTATCCCTGAAAATTTCTGCAAGAGAGTCTCAGAGCAGCTGTGATCA 960
QY 961 TCAAGAGACAGAAATCAAGAAAGTTGCTTGTCTCAAAAACAGCATGAAAAGAGGCAAAA 1020
DB 961 TCAAGAGACAGAAATCAAGAAAGTTGCTTGTCTCAAAAACAGCATGAAAAGAGGCAAAA 1020

1021 TTAATAATGTTTACCCAGAACCCACAGGACTCTTACCCCTAAGGTGAATTCGACGCTT 1080
1021 TTAATAATGTTTACCCAGAACCCACAGGACTCTTACCCCTAAGGTGAATTCGACGCTT 1080
1081 TCAACTATGAAGAGATAGTTTCCAGAGCGGGAACTCTCATGAGGTAAAGAGGGAATG 1140
1081 TCAACTATGAAGAGATAGTTTCCAGAGCGGGAACTCTCATGAGGTAAAGAGGGAATG 1140
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1141 AAGAGAAATGAAGAGGGGCTTGAGGATGAGAAAAGAGAGAGAAAGCCCTGAAGAATGA 1200
1201 CATAGAGAGCGAAGCCCTGCGAGAGATGTTTTTCCCTAAGGTGAATGAAGAGGCTGA 1260
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1321 AAATATCTCGGTTGACTGCACTGCAATCATGCGATCTGTGACTGGAAAAGAGATAGAGA 1380
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1381 AGATGATTTGACTGGAACTCTGCTGATCGAGATTAATGCTATTGGCTTCTATATGGCACT 1440
1441 TCCGGCCCTGGCAGGTCAACAGAAAGACATGGCGGATGAACTCTCTACCTGACCT 1500
1441 TCCGGCCCTGGCAGGTCAACAGAAAGACATGGCGGATGAACTCTCTACCTGACCT 1500
1501 GCAACCCCAAGCAACTCTGTTGCTCTTTGATTCAGGCTGCGCGAGACAAAGTCGG 1560
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1561 GAACTCTGAGTGTGTTGAAAAACAGTAACAATGCTGATGGGAGAACACAGAG 1620
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1621 TGAGGATGAAAGTGGAGACAGGAGAAATTCAGTTGATCAAGGAATCATGTATACAA 1680
1681 AAGCATATTTTGGAGCAGACGTCGAGGCAAAACCGCGAATTCGAGTGGATGG 1740
1681 AAGCATATTTTGGAGCAGACGTCGAGGCAAAACCGCGAATTCGAGTGGATGG 1740
1681 AAGCATATTTTGGAGCAGACGTCGAGGCAAAACCGCGAATTCGAGTGGATGG 1740
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1861 GACCTCTGGCATTTTGAATTAAGTACGTAAGTAAATGTAATGTAACAGAAATATAT 1920
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1921 TGTAAGATGCTTTCTTGTATAGATATGCAATATTTGCTTTTAAATATCATATCATGTT 1980
1981 ATCTTCTCAGTCAATTTCTGAATCTTCCNCAATATATATATAAATNTGAAANGTCAGTT 2040
1981 ATCTTCTCAGTCAATTTCTGAATCTTCCNCAATATATATATAAATNTGAAANGTCAGTT 2040
2041 TATCTCCCTCTCCTCNGTATATCTGATTTGTATANGTANGTGTGATNGCTTCTCTCAAA 2100
2041 TATCTCCCTCTCCTCNGTATATCTGATTTGTATANGTANGTGTGATNGCTTCTCTCAAA 2100
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Db 2101 CATTTCTAGAAAAATAGAAAAAAGACAGAGAAATGTTTAACTGTTTGAATCTTATGAT 2160
Qy 2161 ACTTCTTGGAACTATGACATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGGCTT 2220
Db 2161 ACTTCTTGGAACTATGACATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGGCTT 2220
Qy 2221 TCATAGCAAACTTGTATATTTAAATCTTTTGTAAATATAA 2260
Db 2221 TCATAGCAAACTTGTATATTTAAATCTTTTGTAAATATAA 2260

RESULT 28
US-09-978-544A-118
; Sequence 118, Application US/09978544A
; Publication No. US20030199436A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C13
; CURRENT APPLICATION NUMBER: US/09/978,544A
; CURRENT FILING DATE: 2002-03-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
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; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
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; PRIOR APPLICATION NUMBER: 60/077632
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; PRIOR APPLICATION NUMBER: 60/077791
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; PRIOR APPLICATION NUMBER: 60/078004
; PRIOR FILING DATE: 1998-03-13
; PRIOR APPLICATION NUMBER: 60/078886
; PRIOR FILING DATE: 1998-03-20

1 PRIOR APPLICATION NUMBER: 60/078936
2 PRIOR FILING DATE: 1998-03-20
3 PRIOR APPLICATION NUMBER: 60/078910
4 PRIOR FILING DATE: 1998-03-20
5 PRIOR APPLICATION NUMBER: 60/078939
6 PRIOR FILING DATE: 1998-03-20
7 PRIOR APPLICATION NUMBER: 60/079294
8 PRIOR FILING DATE: 1998-03-25
9 PRIOR APPLICATION NUMBER: 60/079656
10 PRIOR FILING DATE: 1998-03-26
11 PRIOR APPLICATION NUMBER: 60/079664
12 PRIOR FILING DATE: 1998-03-27
13 PRIOR APPLICATION NUMBER: 60/079689
14 PRIOR FILING DATE: 1998-03-27
15 PRIOR APPLICATION NUMBER: 60/079663
16 PRIOR FILING DATE: 1998-03-27
17 PRIOR APPLICATION NUMBER: 60/079728
18 PRIOR FILING DATE: 1998-03-27
19 PRIOR APPLICATION NUMBER: 60/079786
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21 PRIOR APPLICATION NUMBER: 60/079920
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25 PRIOR APPLICATION NUMBER: 60/080105
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34 PRIOR FILING DATE: 1998-04-01
35 PRIOR APPLICATION NUMBER: 60/080328
36 PRIOR FILING DATE: 1998-04-01
37 PRIOR APPLICATION NUMBER: 60/080333
38 PRIOR FILING DATE: 1998-04-01
39 PRIOR APPLICATION NUMBER: 60/080334
40 PRIOR FILING DATE: 1998-04-01
41 PRIOR APPLICATION NUMBER: 60/081070
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54 PRIOR FILING DATE: 1998-04-15
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56 PRIOR FILING DATE: 1998-04-15
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59 PRIOR APPLICATION NUMBER: 60/081952
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63 PRIOR APPLICATION NUMBER: 60/082568
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70 PRIOR FILING DATE: 1998-04-22
71 PRIOR APPLICATION NUMBER: 60/082700
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73 PRIOR APPLICATION NUMBER: 60/082797

74 PRIOR FILING DATE: 1998-04-22
75 PRIOR APPLICATION NUMBER: 60/082796
76 PRIOR FILING DATE: 1998-04-23
77 PRIOR APPLICATION NUMBER: 60/083336
78 PRIOR FILING DATE: 1998-04-27
79 PRIOR APPLICATION NUMBER: 60/083322
80 PRIOR FILING DATE: 1998-04-28
81 PRIOR APPLICATION NUMBER: 60/083392
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98 PRIOR FILING DATE: 1998-04-29
99 PRIOR APPLICATION NUMBER: 60/083742
100 PRIOR FILING DATE: 1998-04-30
101 PRIOR APPLICATION NUMBER: 60/084366
102 PRIOR FILING DATE: 1998-05-05
103 PRIOR APPLICATION NUMBER: 60/084414
104 PRIOR FILING DATE: 1998-05-06
105 PRIOR APPLICATION NUMBER: 60/084441
106 PRIOR FILING DATE: 1998-05-06
107 PRIOR APPLICATION NUMBER: 60/084637
108 PRIOR FILING DATE: 1998-05-07
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113 PRIOR APPLICATION NUMBER: 60/084598
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115 PRIOR APPLICATION NUMBER: 60/084600
116 PRIOR FILING DATE: 1998-05-07
117 PRIOR APPLICATION NUMBER: 60/084627
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132 PRIOR FILING DATE: 1998-05-15
133 PRIOR APPLICATION NUMBER: 60/085579
134 PRIOR FILING DATE: 1998-05-15
135 PRIOR APPLICATION NUMBER: 60/085580
136 PRIOR FILING DATE: 1998-05-15
137 PRIOR APPLICATION NUMBER: 60/085573
138 PRIOR FILING DATE: 1998-05-15
139 PRIOR APPLICATION NUMBER: 60/085704
140 PRIOR FILING DATE: 1998-05-15
141 PRIOR APPLICATION NUMBER: 60/085697

Query Match 99.7%; Score 2253; DB 10; Length 2260;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCTGGTGGAGTGGAGCGGAGACCCGAGCGGCTGAGGAGAGAGGAGCGGCG 60
DB 1 CGGACGCTGGTGGAGTGGAGCGGAGACCCGAGCGGCTGAGGAGAGAGGAGCGGCG 60
QY 61 GCTTAGCTGCTACGGGGTCCGGCGCGCGCCCTCCCGAGGGGGCTCAGGAGGAGGAGGA 120
DB 61 GCTTAGCTGCTACGGGGTCCGGCGCGCGCCCTCCCGAGGGGGCTCAGGAGGAGGAGGA 120
QY 121 GGACCCGTCGAGAGATGCTCTGCGCTGGAGCTTGGCTCCCGCTGCTCTCTCTGGG 180
DB 121 GGACCCGTCGAGAGATGCTCTGCGCTGGAGCTTGGCTCCCGCTGCTCTCTCTGGG 180
QY 181 TGGCAGGTGGTTCGGGAAACGGGCGCAGTCGAGGCATCAGGGTGTAGTCATCGGCAC 240
DB 181 TGGCAGGTGGTTCGGGAAACGGGCGCAGTCGAGGCATCAGGGTGTAGTCATCGGCAC 240
QY 241 GTACGCTGGGCTGTGCTATGGAATCAATGGAATCAATGGAATCAATGGAATCAATGGA 300
DB 241 GTACGCTGGGCTGTGCTATGGAATCAATGGAATCAATGGAATCAATGGAATCAATGGA 300
QY 301 ACAGCAAGGAGTCTGTGAAGCTACATCGGAACCTGGATGTAAATTTGGTGAAGTGG 360
DB 301 ACAGCAAGGAGTCTGTGAAGCTACATCGGAACCTGGATGTAAATTTGGTGAAGTGG 360
QY 361 GACCAACAAATGCAAGTCTTCCAGATACACCGGGAACCTGCAATCAAGATGGA 420
DB 361 GACCAACAAATGCAAGTCTTCCAGATACACCGGGAACCTGCAATCAAGATGGA 420
QY 421 ATGAGTGTGGAATGAAACCCCGGCCATGCCAACAAGATGTGTAATACACAGGAAGCT 480
DB 421 ATGAGTGTGGAATGAAACCCCGGCCATGCCAACAAGATGTGTAATACACAGGAAGCT 480
QY 481 ACAGTGTCTTGGCTCAGTGGCCATGCTCATGCCAGATGCTACGTGTGTAAGTCTA 540
DB 481 ACAGTGTCTTGGCTCAGTGGCCATGCTCATGCCAGATGCTACGTGTGTAAGTCTA 540
QY 541 GGCATGTGCCATGATAAATCTGTCAGTGTGGAAGACACAGAGAGAGAGAGAGAGAG 600
DB 541 GGCATGTGCCATGATAAATCTGTCAGTGTGGAAGACACAGAGAGAGAGAGAGAGAG 600
QY 601 GCTGTGCTCCTCAGAGTCTGCGCTGGCCCAATGGAAGAGAGAGAGAGAGAGAGATG 660
DB 601 GCTGTGCTCCTCAGAGTCTGCGCTGGCCCAATGGAAGAGAGAGAGAGAGAGAGATG 660
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DB 661 ATGAAATGCTGTGTAAGTCTGTCCTCAATGGAAGAGAGAGAGAGAGAGAGAGATG 720
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DB 721 GAAGCTACTGCAAAATCTCAATGTTTCGAATGGAAGAGAGAGAGAGAGAGAGATG 780
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DB 841 GCTTCAATACCAAGGCTCCTCAAGTGTAAATGCAAGCAGGATATAAGGCAATGGAC 900
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DB 901 TTGGTGTCTGCTATCCCTGAAATCTGTAAGAGAGTCTCAGAGAGTCTCAGAGAGT 960
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DB 1081 TCAACTATGAAGAGATAGTTTCCAGAGGCGGGAATCTCTATGAGGTAAAAAGGAATG 1140
QY 1141 AAGAGAAATGAAGAGAGGGCTTCAGGATGAGAAAAGAGAAAGAAAGCCCTGAAGAATGA 1200
DB 1141 AAGAGAAATGAAGAGAGGGCTTCAGGATGAGAAAAGAGAAAGAAAGCCCTGAAGAATGA 1200
QY 1201 CATAGAGAGCGAAGCCTGCGAGGAGATGTGTTTCCCTAAGGTGAATGAAGCAGGTGA 1260
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DB 1261 ATTGGCTGATTCGCTCCAAAGGAAAGCGCTAACTTCCAAACTGGAAACATAAAGATT 1320
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DB 1321 AAATATCTCGGTTGACTGCACTTCAATCATGGATCTGATGAGCTGGAACAGGATGAGA 1380
QY 1381 AGATGATTTGACTGGAATCCTGCTGATCGAGATTAATGCTATTGGCTTCTATATGGCAGT 1440
DB 1381 AGATGATTTGACTGGAATCCTGCTGATCGAGATTAATGCTATTGGCTTCTATATGGCAGT 1440
QY 1441 TCCGGCTTGGCAGGTCAAGAAAGACATTTGGCCGATTGAAACTTCTCTACCTGACCT 1500
DB 1441 TCCGGCTTGGCAGGTCAAGAAAGACATTTGGCCGATTGAAACTTCTCTACCTGACCT 1500
QY 1501 GCAACCCCAAGAACCTTCTGTTTGTGTTTATGATACCGGCTGCGCGGAGACAAAGTCGG 1560
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QY 1621 TGAGATGAAAGTGGAGAGACAGGAAATTCAGTTGTATCAAGGAACTGATGCTACCA 1680
DB 1621 TGAGATGAAAGTGGAGAGACAGGAAATTCAGTTGTATCAAGGAACTGATGCTACCA 1680
QY 1681 AAGCATCAATTTTGAAGCAGAACCTGCGCAAGGCAAAAACCGGCGAATCGCAGTGGATGG 1740
DB 1681 AAGCATCAATTTTGAAGCAGAACCTGCGCAAGGCAAAAACCGGCGAATCGCAGTGGATGG 1740
QY 1741 CGTGTGCTGTTTCAGGCTTATGTCAGATAGCCTTTTATCTGTGGATGACTGAATGTT 1800
DB 1741 CGTGTGCTGTTTCAGGCTTATGTCAGATAGCCTTTTATCTGTGGATGACTGAATGTT 1800
QY 1801 ACTATCTTATATTTGACTTTGATGTCAGTTCCCTGTTTGTGATATTTGATATGCAATAG 1860
DB 1801 ACTATCTTATATTTGACTTTGATGTCAGTTCCCTGTTTGTGATATTTGATATGCAATAG 1860
QY 1861 GACCTCTGGCAATTTAGAAATTAAGTGAATAATGTAATGTAATGTAATGTAATGTAAT 1920
DB 1861 GACCTCTGGCAATTTAGAAATTAAGTGAATAATGTAATGTAATGTAATGTAATGTAAT 1920
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DB 1921 TGTAGATGCTTCTGCTGTAAGATGCAATATTTGCTTTAAATATATATATATATATATAT 1980
QY 1981 ATCTTCTCAGTCAATTTCTGAATCTTTCCNCAATTAATTAATAAATNTGGAANCTCAGTT 2040
DB 1981 ATCTTCTCAGTCAATTTCTGAATCTTTCCNCAATTAATTAATAAATNTGGAANCTCAGTT 2040
QY 2041 TATCTCCCTCCTCTGCTATATCTGATTTGTATGTTGTATGTTGTATGTTGTATGTTGTAT 2100
DB 2041 TATCTCCCTCCTCTGCTATATCTGATTTGTATGTTGTATGTTGTATGTTGTATGTTGTAT 2100
QY 2101 CATTTCTAGAAAATAGAAAAAAGCAAGAGAAATGTTTAACTGTTTGAATCTTATGAT 2160
DB 2101 CATTTCTAGAAAATAGAAAAAAGCAAGAGAAATGTTTAACTGTTTGAATCTTATGAT 2160
QY 2161 ACTTCTGGAACATATGATCAAGATAGACTTTTGGCTAAGTGGCTTAGCTGGTCTT 2220

Db 2161 ACTTCTTGGAACTATGACATCAAGATAGACTTTTCCTTAAGCTAGCTGGTCTT 2220
QY 2221 TCATAGCCAACTTGTATATTATTTCTTTCTTTGTAATAATAA 2260
Db 2221 TCATAGCCAACTTGTATATTATTTCTTTCTTTGTAATAATAA 2260

RESULT 29
US-09-978-665A-118
Sequence 118, Application US/09978665A
Publication No. US20030199437A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
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APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630PIC19
CURRENT APPLICATION NUMBER: US/09/978,665A
CURRENT FILING DATE: 2001-10-16
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
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PRIOR APPLICATION NUMBER: 60/077791
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PRIOR APPLICATION NUMBER: 60/078936
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PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078939

APPLICANT: Ashkenazi, Avi
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APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas P.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630PIC19
CURRENT APPLICATION NUMBER: US/09/978,665A
CURRENT FILING DATE: 2001-10-16
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
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PRIOR FILING DATE: 1998-04-23
PRIOR APPLICATION NUMBER: 60/083336
PRIOR FILING DATE: 1998-04-27

1201	QY	CATAGAGAGCGAAGCCCTGCGAGGAGATGTGTTTTCCCTTAAGGTGAATGAAGCAGGTGA	1260
1201	DB	CATAGAGAGCGAAGCCCTGCGAGGAGATGTGTTTTCCCTTAAGGTGAATGAAGCAGGTGA	1260
1261	QY	ATTGGCCTGATTTCTGGTCCAAAGGAAGCGCTAACTCCAAACTCGAACATAAAGATTT	1320
1261	DB	ATTGGCCTGATTTCTGGTCCAAAGGAAGCGCTAACTCCAAACTCGAACATAAAGATTT	1320
1321	QY	AAATATCTCGGTTGACTGCTGACCTTCAATCATGGGATCTGTGACTGGAACAGGATAGAGA	1380
1321	DB	AAATATCTCGGTTGACTGCTGACCTTCAATCATGGGATCTGTGACTGGAACAGGATAGAGA	1380
1381	QY	AGATGATTTTGACTGGATCTGCTGATCGAGATAATGCTTATTTGGCTTCTATATGSCAGT	1440
1381	DB	AGATGATTTTGACTGGATCTGCTGATCGAGATAATGCTTATTTGGCTTCTATATGSCAGT	1440
1441	QY	TCCGGCCTTGGCAGGTCTCAAGAAAGACATTTGGCCGATTGAAACTTCTCTACCTGACCT	1500
1441	DB	TCCGGCCTTGGCAGGTCTCAAGAAAGACATTTGGCCGATTGAAACTTCTCTACCTGACCT	1500
1501	QY	GCAACCCCAAGACACTTCTGTTGCTCTTTGATTACCGCTGCGCGAGACAAAGTCCG	1560
1501	DB	GCAACCCCAAGACACTTCTGTTGCTCTTTGATTACCGCTGCGCGAGACAAAGTCCG	1560
1561	QY	GAAACTTTCGAGTGTGTTGTAAGAAACAGTAAACAATGCCCTGGCATGCGGAGAACACAGAG	1620
1561	DB	GAAACTTTCGAGTGTGTTGTAAGAAACAGTAAACAATGCCCTGGCATGCGGAGAACACAGAG	1620
1621	QY	TGAGGATGAAGAGTCGAGACAGGGAATAATTCAGTTGTATCAAGGAATCTGATCTACCAA	1680
1621	DB	TGAGGATGAAGAGTCGAGACAGGGAATAATTCAGTTGTATCAAGGAATCTGATCTACCAA	1680
1681	QY	AAGCATCATTTTTGAAGCAGAACGTTGCAAGGCGAAACCGGCGAAATCGCAGTGGATGG	1740
1681	DB	AAGCATCATTTTTGAAGCAGAACGTTGCAAGGCGAAACCGGCGAAATCGCAGTGGATGG	1740
1741	QY	CGTCTTGCTGTTTCCAGGCTTATGTCAGATAGACCTTTTATCTGTGATGACTGAAATGTT	1800
1741	DB	CGTCTTGCTGTTTCCAGGCTTATGTCAGATAGACCTTTTATCTGTGATGACTGAAATGTT	1800
1801	QY	ACTATCTTTATATTGACTTTGTATGTGAGTTCCTCGTTTTTTTGTATTTGATCATAG	1860
1801	DB	ACTATCTTTATATTGACTTTGTATGTGAGTTCCTCGTTTTTTTGTATTTGATCATAG	1860
1861	QY	GACCTTCGCATTTAGATTAATCTAGCTGAAATAATGTAATGTAACCAAGAAATATAT	1920
1861	DB	GACCTTCGCATTTAGATTAATCTAGCTGAAATAATGTAATGTAACCAAGAAATATAT	1920
1921	QY	TGTAAGATGCTTTCTTGTAAGATATGCAATATTTGCTTTAAATATCATATCACTGT	1980
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2101	QY	CANNTCTAGAAATAGAAAAAAGACACAGAGAAATGTTTAACTGTTTGACTCTTATGAT	2160
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2161	QY	ACTTCTTGGAAACTATGACATCAAGAGATAGACTTTTGGCCTTAAGTGCTTAGCTGGCTTT	2220
2161	DB	ACTTCTTGGAAACTATGACATCAAGAGATAGACTTTTGGCCTTAAGTGCTTAGCTGGCTTT	2220
2221	QY	TCATAGCCAACTGATATTTTAACTCTTTGTAATAATAA	2260
2221	DB	TCATAGCCAACTGATATTTTAACTCTTTGTAATAATAA	2260

PRIOR APPLICATION NUMBER: 60/079664
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PRIOR APPLICATION NUMBER: 60/085573
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697

Query Match 99.7% Score 2253; DB 10; Length 2260;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGGACGGCTGGTGGAGTGGAGCGGAGGACCGGAGCGGCTGAGGAGAGGAGGCGGCG 60
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DB 61 GCTTAGCTGCTAGGGTCCGGCCCTCCGAGGGGGCTCAGGAGGAGGAGGA 120
QY 121 GGACCCCTGGGAGATGCTCTCCCTGGAGCGTTGGCTCCGCTGCTCTCTCTGG 180

Db 121 GGACCCGTCGAGAAATGCTCTGCGCTCGAGCGCTTCCGCTCCGCTGCTGCTCTCTCTCGG 180
Qy 181 TGGCAGGTGTTTCGGGAACGCGCGCAGTGCAGAGGATCACGGTGTGTAGCATCGGCAC 240
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Qy 301 ACACAGAGGAGTCTGTGAGCTACATCGCAACCTGGATGTAAGTTTGTGTAGTGTGCTGG 360
Db 301 ACACAGAGGAGTCTGTGAGCTACATCGCAACCTGGATGTAAGTTTGTGTAGTGTGCTGG 360
Qy 361 GACCAACAAATGAGATGCTTTTCAGGATACACCGGGAACCTCGCATCAAGATGTGA 420
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Db 421 ATGAGTGTGAATGAACCCCGGCATGCCAACACAGATGTGTGAATACACACGGAAGCT 480
Qy 481 ACAAGTGTGTTTGGCTCAGTGGCCACATGCTCATGCCAGATGCTACGTGTGTGAACCTCTA 540
Db 481 ACAAGTGTGTTTGGCTCAGTGGCCACATGCTCATGCCAGATGCTACGTGTGTGAACCTCTA 540
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Db 541 GGACATGTGCCATGAATAACTGTGAGTACAGTGTGAAGACACAGAGAGAGGCGCCACGT 600
Qy 601 GCCTGTGTCCATCCTCAGGACTCCGCTGGCGCCCAATGGAAGAGACTGTCTAGATATTG 660
Db 601 GCCTGTGTCCATCCTCAGGACTCCGCTGGCGCCCAATGGAAGAGACTGTCTAGATATTG 660
Qy 661 ATGAATGTGCTCTGTGTAAGTCACTGTCTGCTCAATCGAAGTGTGTGAACACATTTG 720
Db 661 ATGAATGTGCTCTGTGTAAGTCACTGTCTGCTCAATCGAAGTGTGTGAACACATTTG 720
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Db 721 GAAGCTACTCTGCAAAATGTCATGTTGTTTCGAACCTGCAATATATCAGTGGACGATATG 780
Qy 781 ACTGTATAGATATAAATGAATGACTATGATAGCCATACGTGAGCCACCATGCCAAT 840
Db 781 ACTGTATAGATATAAATGAATGACTATGATAGCCATACGTGAGCCACCATGCCAAT 840
Qy 841 GCTTCAATACCAAGGTCCTTCAAGTCTAAATGCAAGCGGATATAAAGGCAATGGAC 900
Db 841 GCTTCAATACCAAGGTCCTTCAAGTCTAAATGCAAGCGGATATAAAGGCAATGGAC 900
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Db 961 TCAAGACAGATCAAGAGTGTCTGCTCACAACACAGATCAAGAGAGGCAAAAA 1020
Qy 1021 TTAATAATGTTACCCAGAACCCACAGGACTCTTACCCCTAAGGTGAACCTTGACGCCCT 1080
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Db 1141 AAGAGAAATGAAGAGGCGCTTGAGGATGAGAAAGAGAGAGAGAGAGAGAGAGAGAG 1200
Qy 1201 CATAGAGGCGGAGCTTCGAGGAGATGTGTTTTTCCCTAAGGTGAATGAGCAGGTGA 1260
Db 1201 CATAGAGGCGGAGCTTCGAGGAGATGTGTTTTTCCCTAAGGTGAATGAGCAGGTGA 1260

Qy 1261 ATTCCGCTGATTTCTGGTCCAAAGGAAAGCGCTAACTTCCAAACTGGAAACATAAAGATTT 1320
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Qy 1321 AATATATCTCGGTGAGTGCAGCTTCAATCATGGGATCTGTGACTGGAAACAGGATAGAGA 1380
Db 1321 AATATATCTCGGTGAGTGCAGCTTCAATCATGGGATCTGTGACTGGAAACAGGATAGAGA 1380
Qy 1381 AGATGATTTTGAATCGAATCTCTGCTGATCGAGATAATGCTATTTGGCTTCTATATGGCAGT 1440
Db 1381 AGATGATTTTGAATCGAATCTCTGCTGATCGAGATAATGCTATTTGGCTTCTATATGGCAGT 1440
Qy 1441 TCCGGCTTGGCAGGTCAAGAAAGACATTCGCCGATTGAAACTTCTCCCTACCTGACCT 1500
Db 1441 TCCGGCTTGGCAGGTCAAGAAAGACATTCGCCGATTGAAACTTCTCCCTACCTGACCT 1500
Qy 1501 GCAACCCCAAGCAACTTCTGTTTGTCTTTGATTACCGGCTGGCGGAGAGACAAAGTCGG 1560
Db 1501 GCAACCCCAAGCAACTTCTGTTTGTCTTTGATTACCGGCTGGCGGAGAGACAAAGTCGG 1560
Qy 1561 GAAACTTCGAGTGTGTGAAAGACAGTAACTATCCCTGGCATGGAGAGACACCCAG 1620
Db 1561 GAAACTTCGAGTGTGTGAAAGACAGTAACTATCCCTGGCATGGAGAGACACCCAG 1620
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Db 1621 TGAGATGAAAAAGTGAAGACAGGGAATAATTCAGTTGTATCAAGGAACCTGATACCAA 1680
Qy 1681 AAGCATCATTTTGAAGCAGACGTGCGAAGGCAAAACCGGCGAATCGCAGTGGATGG 1740
Db 1681 AAGCATCATTTTGAAGCAGACGTGCGAAGGCAAAACCGGCGAATCGCAGTGGATGG 1740
Qy 1741 CGTCTGCTGTTTTCAGGCTTATGTCCAGATAGCCCTTTTATCTGTGGATGACTGAATGT 1800
Db 1741 CGTCTGCTGTTTTCAGGCTTATGTCCAGATAGCCCTTTTATCTGTGGATGACTGAATGT 1800
Qy 1801 ACTATCTTATATTTGATGATGTCAGTCCCTGCTGTTTTCATTTGATTTGATTCACATAG 1860
Db 1801 ACTATCTTATATTTGATGATGTCAGTCCCTGCTGTTTTCATTTGATTTGATTCACATAG 1860
Qy 1861 GACCTCTGGCAATTTTGAATTTACTAGCTGAAAAATTTGTAATGTATACCAACAGAAAAATTTAT 1920
Db 1861 GACCTCTGGCAATTTTGAATTTACTAGCTGAAAAATTTGTAATGTATACCAACAGAAAAATTTAT 1920
Qy 1921 TGTAGATGCTTCTTGTATTAAGATATGCAATATTTGCTTTTAAATATCATATCACTGT 1980
Db 1921 TGTAGATGCTTCTTGTATTAAGATATGCAATATTTGCTTTTAAATATCATATCACTGT 1980
Qy 1981 ATCTTCTCAGTCATTTCTGAATCTTTCCNCATTTATTTAATAATNTGAAANGTCAGTT 2040
Db 1981 ATCTTCTCAGTCATTTCTGAATCTTTCCNCATTTATTTAATAATNTGAAANGTCAGTT 2040
Qy 2041 TATCTCCCTCCTCNGTATATCTGATTTGTATANGTANGTGTGCTTCTCTACAA 2100
Db 2041 TATCTCCCTCCTCNGTATATCTGATTTGTATANGTANGTGTGCTTCTCTACAA 2100
Qy 2101 CATTTCTAGAAATAGAAABAAABAGCACAGAGAAATGTTTAACTTTGACTCTTATGAT 2160
Db 2101 CATTTCTAGAAATAGAAABAAABAGCACAGAGAAATGTTTAACTTTGACTCTTATGAT 2160
Qy 2161 ACTTCTTGGAACTATGACATCAAGATAGACTTTTGCCTAAGTGGCTTACGTGGGTCTT 2220
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Qy 2221 TCATAGCCAAACTTGTATATTTAATTTCTTTGTAATAATAA 2260
Db 2221 TCATAGCCAAACTTGTATATTTAATTTCTTTGTAATAATAA 2260

RESULT 31
US-10-164-749A-118
; Sequence 118, Application US/10164749A

Publication No. US20040029218A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630P1C60
CURRENT APPLICATION NUMBER: US/10/164,749A
CURRENT FILING DATE: 2001-10-19
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PRIOR FILING DATE: 1998-03-12
Remaining Prior Application data removed - See File Wrapper or PALM.
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SEQ ID NO 118
LENGTH: 2260
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: unsure
LOCATION: 2009, 2026, 2033, 2055, 2074, 2078, 2086
OTHER INFORMATION: unknown base
US-10-164-749A-118

Query Match 99.74; Score 2253; DB 13; Length 2260;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
US-10-164-749A-118

QY 61 GCTTAGCTGCTACGGGCTCCGCGCGGCGCCCTCCGAGGGGGGCTCAGGAGGAGGA 120
DB 61 GCTTAGCTGCTACGGGCTCCGCGCGGCGCCCTCCGAGGGGGGCTCAGGAGGAGGA 120
QY 121 GGACCCGTCGAGGAATGCTCTGCCCTGGAGCTTTGGCTCCCGCTGCTGCTCTCTCTGG 180
DB 121 GGACCCGTCGAGGAATGCTCTGCCCTGGAGCTTTGGCTCCCGCTGCTGCTCTCTCTGG 180
QY 181 TGGCAGGTGGTTTTCGGGAAACCGCGCCAGTCGCAAGGCATCACGGGTGTTAGCATCGGCAC 240
DB 181 TGGCAGGTGGTTTTCGGGAAACCGCGCCAGTCGCAAGGCATCACGGGTGTTAGCATCGGCAC 240
QY 241 GTGAGCTGGGGTCTGCTCACTATGGAATTAACCTGGCTCTGCTACGGCTGGAGAGAA 300
DB 241 GTGAGCTGGGGTCTGCTCACTATGGAATTAACCTGGCTCTGCTACGGCTGGAGAGAA 300
QY 301 ACAGCAAGGGAGTCTGTGAAGCTACATCGCAACCTGGATGTAAGTTTGGTGGCTGG 360
DB 301 ACAGCAAGGGAGTCTGTGAAGCTACATCGCAACCTGGATGTAAGTTTGGTGGCTGG 360
QY 361 GACCAACCAATGAGATGCTTTCAGGATACACCGGGGAAACCTGCGAGTCAAGATGTA 420
DB 361 GACCAACCAATGAGATGCTTTCAGGATACACCGGGGAAACCTGCGAGTCAAGATGTA 420
QY 421 ATGAGTGTGGATGAAACCCCGGCGCATGCCAACAACAGATGTGGAATACACACGGAAGCT 480
DB 421 ATGAGTGTGGATGAAACCCCGGCGCATGCCAACAACAGATGTGGAATACACACGGAAGCT 480
QY 481 ACAAGTGTCTTTCAGTGGCCACATGCTCATGTCAGATGTCAGTGTGTAAGTCTTA 540
DB 481 ACAAGTGTCTTTCAGTGGCCACATGCTCATGTCAGTGTGTAAGTCTTA 540
QY 541 GGACATGTGCCATGATTAACCTGTGAGTACAGCTGTGGAAGACACAGAGAGGAGGAGGAG 600
DB 541 GGACATGTGCCATGATTAACCTGTGAGTACAGCTGTGGAAGACACAGAGAGGAGGAGGAG 600
QY 601 GCTGTGTCCATCTCAGGAGCTCCGCTGGCCGCGGCGGCGGCGGCGGCGGCGGCGGCGG 660
DB 601 GCTGTGTCCATCTCAGGAGCTCCGCTGGCCGCGGCGGCGGCGGCGGCGGCGGCGGCGG 660
QY 661 ATGAATGTGCTCTGGTAAAGTCACTGTGCTCAATCGAAGATGTGTAAGTCAACATTTG 720
DB 661 ATGAATGTGCTCTGGTAAAGTCACTGTGCTCAATCGAAGATGTGTAAGTCAACATTTG 720
QY 721 GAAGTACTACTGCAATGTGCAATGCTGCAATGCTGCAATGCTGCAATGCTGCAATGCTG 780
DB 721 GAAGTACTACTGCAATGTGCAATGCTGCAATGCTGCAATGCTGCAATGCTGCAATGCTG 780
QY 781 ACTGTATAGATATAAATGAATGTATGATAGCCATACGTGCGAGCCACCATGCCAAT 840
DB 781 ACTGTATAGATATAAATGAATGTATGATAGCCATACGTGCGAGCCACCATGCCAAT 840
QY 841 GCTTCAATACCCAGGGTCTTCAAGTGTAAATGCAAGCAGGAGATTAAGGCGATGGAC 900
DB 841 GCTTCAATACCCAGGGTCTTCAAGTGTAAATGCAAGCAGGAGATTAAGGCGATGGAC 900
QY 901 TTCGGTGTCTCTATCCCTGAAAATTTCTGTGAAGGAGTCTCAGAGCACTGGTACCA 960
DB 901 TTCGGTGTCTCTATCCCTGAAAATTTCTGTGAAGGAGTCTCAGAGCACTGGTACCA 960
QY 961 TCAGAGACAGATCAAGAGTGTGCTCTCAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1020
DB 961 TCAGAGACAGATCAAGAGTGTGCTCTCAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1020
QY 1021 TTAATAATGTTTACCCAGAACCCAGGAGTCTTACCCCTTAAGGTGAATTTGACCCCT 1080
DB 1021 TTAATAATGTTTACCCAGAACCCAGGAGTCTTACCCCTTAAGGTGAATTTGACCCCT 1080
QY 1081 TCAACTATGAGAGATGTTTCCAGAGCGGAGGAGTCTCTATGAGGTTAAAGGAGGAGG 1140
DB 1081 TCAACTATGAGAGATGTTTCCAGAGCGGAGGAGTCTCTATGAGGTTAAAGGAGGAGGAGG 1140

QY 241 GTGAGCTGGGCTGTGCTACTATGGAACATAAATGCGCTGTGCTACGCGTGGAGAGAA 300
Db 241 GTGAGCTGGGCTGTGCTACTATGGAACATAAATGCGCTGTGCTACGCGTGGAGAGAA 300
QY 301 ACAGCAAGGAGTGTGTGAAGCTACATGCGAACCTGGATGTAAAGTTGGTGAAGTGGTGG 360
Db 301 ACAGCAAGGAGTGTGTGAAGCTACATGCGAACCTGGATGTAAAGTTGGTGAAGTGGTGG 360
QY 361 GACCAACAAATGAGATGCTTTCCAGGATACACCGGGAACCTGCACTCAAGATGTGA 420
Db 361 GACCAACAAATGAGATGCTTTCCAGGATACACCGGGAACCTGCACTCAAGATGTGA 420
QY 421 ATGAGTGTGAATGAACCCCGCCATGCCAACACAGATGTGTGAATACACACGGAAGCT 480
Db 421 ATGAGTGTGAATGAACCCCGCCATGCCAACACAGATGTGTGAATACACACGGAAGCT 480
QY 481 ACAAGTGTGCTTGTGCTCAGTGGCCACATGCTCATGCCAGATGCTAGTGTGTGAAGTCTTA 540
Db 481 ACAAGTGTGCTTGTGCTCAGTGGCCACATGCTCATGCCAGATGCTAGTGTGTGAAGTCTTA 540
QY 541 GGACATGTGCCATGATAACTGTGAGTACAGCTGTGAAGACACAGAAAGGCGCCACAGT 600
Db 541 GGACATGTGCCATGATAACTGTGAGTACAGCTGTGAAGACACAGAAAGGCGCCACAGT 600
QY 601 GCCTGTGTCCATCTCAGGACTCGCCCTGCGCCCAATGGAAGAGACTGTCTAGATATTG 660
Db 601 GCCTGTGTCCATCTCAGGACTCGCCCTGCGCCCAATGGAAGAGACTGTCTAGATATTG 660
QY 661 ATGAATGTGCTCTGTGTAAGTCACTCTGTCCCTACAACTCGAAGATGTGTGAACACATTTG 720
Db 661 ATGAATGTGCTCTGTGTAAGTCACTCTGTCCCTACAACTCGAAGATGTGTGAACACATTTG 720
QY 721 GAAGTACTACTGCAAAATGTCATGTTGTCGAACTGCAATATATCAGTGGACGATATG 780
Db 721 GAAGTACTACTGCAAAATGTCATGTTGTCGAACTGCAATATATCAGTGGACGATATG 780
QY 781 ACTGTATAGATATAAATGAATGTAATGTAATGTAATGTAATGTAATGTAATGTAATGTAAT 840
Db 781 ACTGTATAGATATAAATGAATGTAATGTAATGTAATGTAATGTAATGTAATGTAATGTAAT 840
QY 841 GCTTCAATACCCAGGCTCTTCAAGTGTAAATGCAAGCGGAGATATAAAGGCAATGGAC 900
Db 841 GCTTCAATACCCAGGCTCTTCAAGTGTAAATGCAAGCGGAGATATAAAGGCAATGGAC 900
QY 901 TTCGGTGTCTGCTATCCCTGAAATCTGTGGAAGGAGTCTCAGAGACCTGTGTACCA 960
Db 901 TTCGGTGTCTGCTATCCCTGAAATCTGTGGAAGGAGTCTCAGAGACCTGTGTACCA 960
QY 961 TCAAAAGACAGAAATCAAGAAAGTTGCTGTCTCAAAAAACAGCATGAAAAAGAGGCAAAA 1020
Db 961 TCAAAAGACAGAAATCAAGAAAGTTGCTGTCTCAAAAAACAGCATGAAAAAGAGGCAAAA 1020
QY 1021 TTAATAATGTTACCCAGAACCCACGAGTCTCTACCCCTTAAGTGAACTTCAGCCCT 1080
Db 1021 TTAATAATGTTACCCAGAACCCACGAGTCTCTACCCCTTAAGTGAACTTCAGCCCT 1080
QY 1081 TCAACTATGAAGATAGTCTTCCAGAGCGGGAATCTCTCATGGAGTAAAAAGGGAATG 1140
Db 1081 TCAACTATGAAGATAGTCTTCCAGAGCGGGAATCTCTCATGGAGTAAAAAGGGAATG 1140
QY 1141 AAGAGAAATGAAGAGGGCTGTGAGATGAGAAAGAGAGAGAGAGAGAGAGAGAGAGAGATGA 1200
Db 1141 AAGAGAAATGAAGAGGGCTGTGAGATGAGAAAGAGAGAGAGAGAGAGAGAGAGAGAGATGA 1200
QY 1201 CATAGAGGAGCAAGCTGCGAGGAGATGTGTTTTTCCCTTAAGTGAAATGAAGCAGGTGA 1260
Db 1201 CATAGAGGAGCAAGCTGCGAGGAGATGTGTTTTTCCCTTAAGTGAAATGAAGCAGGTGA 1260
QY 1261 ATTGCGCTGTATCTGTGTCAAAGAAAGCGGTAACTTCCAACTGGAACATAAAGATTT 1320
Db 1261 ATTGCGCTGTATCTGTGTCAAAGAAAGCGGTAACTTCCAACTGGAACATAAAGATTT 1320
QY 1321 AAATATCTCGGTGACTGTCAGCTTCAATCATGGGATCTGTGACTGGAAACAGGATAGAGA 1380

Db 1321 AAATATCTCGGTGACTGTCAGCTTCAATCATGGGATCTGTGACTGGAAACAGGATAGAGA 1380
QY 1381 AGATGATTTTGAATCGAATCCCTGCTGATCGAGATAATGCTATTTGGCTTCTATATGGCAGT 1440
Db 1381 AGATGATTTTGAATCGAATCCCTGCTGATCGAGATAATGCTATTTGGCTTCTATATGGCAGT 1440
QY 1441 TCGGCTTTGGCAGGTCAACAAGAAAGACATTTGCCGATGAAACTTCTCTACCTGACCT 1500
Db 1441 TCGGCTTTGGCAGGTCAACAAGAAAGACATTTGCCGATGAAACTTCTCTACCTGACCT 1500
QY 1501 GCACCCCAAGCAACTTCTGTTGCTTCTTATACCGCTGGCGGAGAGCAAAAGTGG 1560
Db 1501 GCACCCCAAGCAACTTCTGTTGCTTCTTATACCGCTGGCGGAGAGCAAAAGTGG 1560
QY 1561 GAAACTTCGAGTGTGTTGTAAGAAACAGTAACCAATGCCCTGGCATGGGAGAACACCGAG 1620
Db 1561 GAAACTTCGAGTGTGTTGTAAGAAACAGTAACCAATGCCCTGGCATGGGAGAACACCGAG 1620
QY 1621 TGAGGATGAAGAGTGAACAGGGAATAATTCAGTTGTATCAAGGAACCTGATGCTACCAA 1680
Db 1621 TGAGGATGAAGAGTGAACAGGGAATAATTCAGTTGTATCAAGGAACCTGATGCTACCAA 1680
QY 1681 AAGCATCATTTTTGAAGCAGACGTGGCAAGGCAAAACCGGCGAAATCGCAGTGGATGG 1740
Db 1681 AAGCATCATTTTTGAAGCAGACGTGGCAAGGCAAAACCGGCGAAATCGCAGTGGATGG 1740
QY 1741 CGCTTGTCTTGTTCAGGCTTATGTCAGATAGCCTTTTATCTGTGGATGACTGATGTT 1800
Db 1741 CGCTTGTCTTGTTCAGGCTTATGTCAGATAGCCTTTTATCTGTGGATGACTGATGTT 1800
QY 1801 ACTATCTTATATTTGACTTGTGATGTCAGTTCCCTGCTTTTGTGATATTCATCATAG 1860
Db 1801 ACTATCTTATATTTGACTTGTGATGTCAGTTCCCTGCTTTTGTGATATTCATCATAG 1860
QY 1861 GACCTCGGCATTTTGAATTTACTAGCTGAAATTTGTAATGTACCAACAGAAATATTAT 1920
Db 1861 GACCTCGGCATTTTGAATTTACTAGCTGAAATTTGTAATGTACCAACAGAAATATTAT 1920
QY 1921 TGAAGATGCTTCTTGTATAGATATGCAATATTTGCTTTAAATATCATATCACTGT 1980
Db 1921 TGAAGATGCTTCTTGTATAGATATGCAATATTTGCTTTAAATATCATATCACTGT 1980
QY 1981 ATCTTCTCAGTCATTTCTGAATCTTTCCNCAATATATTAATAATTTGGAANGTCAGTT 2040
Db 1981 ATCTTCTCAGTCATTTCTGAATCTTTCCNCAATATATTAATAATTTGGAANGTCAGTT 2040
QY 2041 TATCTCCCTCCCTGCTATATCTGATTTGTATANGTGTGATGCTTCTCTACAA 2100
Db 2041 TATCTCCCTCCCTGCTATATCTGATTTGTATANGTGTGATGCTTCTCTACAA 2100
QY 2101 CATTTCTAGAAATPAGAAAAAGCAAGAGAAATGTTTAACTGTTTGACTCTTATGAT 2160
Db 2101 CATTTCTAGAAATPAGAAAAAGCAAGAGAAATGTTTAACTGTTTGACTCTTATGAT 2160
QY 2161 ACTTCTTGGAACTATCAGATCAAGATAGACTTTTGGCTTAACTGCTTACCTGCTT 2220
Db 2161 ACTTCTTGGAACTATCAGATCAAGATAGACTTTTGGCTTAACTGCTTACCTGCTT 2220
QY 2221 TCATAGCCAAACTTGTATATTTAATCTTTTGTAAATAA 2260
Db 2221 TCATAGCCAAACTTGTATATTTAATCTTTTGTAAATAA 2260

RESULT 33
US-10-013-917A-118
; Sequence 118, Application US/10013917A
; Publication No. US20040063921A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc

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/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerritsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kljavin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James;
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Tumas, Timothy A.
/ APPLICANT: Stewart, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Acids Encoding the Same
/ FILE REFERENCE: P2630PlC82
/ CURRENT APPLICATION NUMBER: US/10/013,917A
/ CURRENT FILING DATE: 2001-10-25
/ Prior Application removed - See File Wrapper or Palm
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 118
/ LENGTH: 2260
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ FEATURE:
/ NAME/KEY: unsure
/ LOCATION: 2009, 2026, 2033, 2055, 2074, 2078, 2086
/ OTHER INFORMATION: unknown base
US-10-013-917A-118

Query Match          99.7%; Score 2253; DB 13; Length 2260;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1  CGAGCGGTGGGTGCGAGTGGAGCGGAGGACCCGAGCGGCTGAGGACAGAGAGGCGCG 60
Db      1  CGGACGCGGTGGGTGCGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGAGAGGAGCGCG 60

QY      61  GTTATGCTGTACTACGGGCTCCGGCCGGGGCCCTCCCGAGGGGGGCTCAGGAGGAGGAAGA 120
Db      61  GTTATGCTGTACTACGGGCTCCGGCCGGGGCCCTCCCGAGGGGGGCTCAGGAGGAGGAAGA 120

QY      121  GGACCGCTCGAGAAATGCTCTGCGCTGGAGCTTGGCGTCCCGCTGCTGCTCTCTCTGG 180
Db      121  GGACCGCTCGAGAAATGCTCTGCGCTGGAGCTTGGCGTCCCGCTGCTGCTCTCTCTGG 180

QY      181  TGGCAGGTGGTTCGGGAACCGGGCCAGTGCAGAGGCATACCGGTGTTTAGCATCGGCAC 240
Db      181  TGGCAGGTGGTTCGGGAACCGGGCCAGTGCAGAGGCATACCGGTGTTTAGCATCGGCAC 240

QY      241  GTCAGCTGGGTCTGTCACTATGAACTAACTAGGCTCTGCTACGCTCGGCTGGAGAGAA 300
Db      241  GTCAGCTGGGTCTGTCACTATGAACTAACTAGGCTCTGCTACGCTGGAGAGAA 300

QY      301  ACAGCAAGGAGGTCTGTGAAGCTACATCGCAACCTGGATGTAAAGTTTGGTGAATGCTGG 360
Db      301  ACAGCAAGGAGGTCTGTGAAGCTACATCGCAACCTGGATGTAAAGTTTGGTGAATGCTGG 360

QY      361  GACCAACAATGCAATGCTTTTCAGATACACCGGGAACCTCGCAGTCAAGATGCA 420
Db      361  GACCAACAATGCAATGCTTTTCAGATACACCGGGAACCTCGCAGTCAAGATGCA 420

QY      421  ATGAGTGTGGAATGAACCCCGGCCATGCCAACACAGATGTGTGAATACACCGGAAGCT 480

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Db	1501	GCAACCCCAAGCAACTTCTGTTTCTCTTTGATTACCGGCTGCCGAGACAAAGTCGG	1560	APPLICANT: Kuo, Sophia S.
Qy	1561	GAAACTTCAGTGTGTTGAAAACACGTAAACAATGCCCTGCATGGGAGAGACCCAGAG	1620	APPLICANT: Napier, Mary A.
Db	1561	GAACTTCAGTGTGTTGAAAACACGTAAACAATGCCCTGCATGGGAGAGACCCAGAG	1620	APPLICANT: Pan, James;
Qy	1621	TCAGGATGAAAGTGGAGACAGGGAATAATTCAGTTGTATCAAGGAACTGATGCTACAA	1680	APPLICANT: Paoni, Nicholas F.
Db	1621	TCAGGATGAAAGTGGAGACAGGGAATAATTCAGTTGTATCAAGGAACTGATGCTACAA	1680	APPLICANT: ROY, Margaret Ann
Qy	1681	AGCATCATTTTGAAGCAGAGCGTGGCAGGGAACCCGCGGAATCCGAGTGGATGG	1740	APPLICANT: Shelton, David L.
Db	1681	AGCATCATTTTGAAGCAGAGCGTGGCAGGGAACCCGCGGAATCCGAGTGGATGG	1740	APPLICANT: Stewart, Timothy A.
Qy	1741	CGTCTGCTGTTTTCAGGCTTATGTCAGATAGCCCTTTATCTGTGATGACTCAATGTT	1800	APPLICANT: Tumas, Daniel
Db	1741	CGTCTGCTGTTTTCAGGCTTATGTCAGATAGCCCTTTATCTGTGATGACTCAATGTT	1800	APPLICANT: Williams, P. Mickey
Qy	1801	ACTATCTTATATTTGACTTTGTATGTCAGTTCCTCGTGTGTTTGTGATTTGCATCATAG	1860	APPLICANT: Wood, William I.
Db	1801	ACTATCTTATATTTGACTTTGTATGTCAGTTCCTCGTGTGTTTGTGATTTGCATCATAG	1860	TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
Qy	1861	GACCTCGCATTTTGAAGTACTAGCTGAAATAATGTAATGTACCAACAGAAATATTAT	1920	TITLE OF INVENTION: Acids Encoding the Same
Db	1861	GACCTCGCATTTTGAAGTACTAGCTGAAATAATGTAATGTACCAACAGAAATATTAT	1920	FILE REFERENCE: P2630P1C75
Qy	1921	TGTAAGTGCCTTTCTTTGTATAGATATGCCAATATTTGCTTTAAATATCATATCATCTGT	1980	CURRENT APPLICATION NUMBER: US/09/999,834A
Db	1921	TGTAAGTGCCTTTCTTTGTATAGATATGCCAATATTTGCTTTAAATATCATATCATCTGT	1980	CURRENT FILING DATE: 2001-10-24
Qy	1981	ATCTTCTCAGTCACTTCTGAATCTTCCNCATTATATATAAANTGGAANGTCAGTT	2040	PRIOR APPLICATION NUMBER: 09/918585
Db	1981	ATCTTCTCAGTCACTTCTGAATCTTCCNCATTATATATAAANTGGAANGTCAGTT	2040	PRIOR FILING DATE: 2001-07-30
Qy	2041	TATCTCCCTCCCTCNGTATATCTGATTTGTATANGTANGTGTGATNGCTTCTCTCAAA	2100	PRIOR APPLICATION NUMBER: 60/062250
Db	2041	TATCTCCCTCCCTCNGTATATCTGATTTGTATANGTANGTGTGATNGCTTCTCTCAAA	2100	PRIOR FILING DATE: 1997-10-17
Qy	2101	CATTCTAGAAAATAGAAAAAAGACACAGAGAAATGTTTACTCTTGTACTCTTATCAT	2160	PRIOR APPLICATION NUMBER: 60/064249
Db	2101	CATTCTAGAAAATAGAAAAAAGACACAGAGAAATGTTTACTCTTGTACTCTTATCAT	2160	PRIOR FILING DATE: 1997-11-03
Qy	2161	ACTTCTGGAAACTATGACATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGTCTT	2220	PRIOR APPLICATION NUMBER: 60/065311
Db	2161	ACTTCTGGAAACTATGACATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGTCTT	2220	PRIOR FILING DATE: 1997-11-13
Qy	2221	TCATAGCCAAACTGTATATTTAATTTCTTTGTATATAA	2260	PRIOR APPLICATION NUMBER: 60/066364
Db	2221	TCATAGCCAAACTGTATATTTAATTTCTTTGTATATAA	2260	PRIOR FILING DATE: 1997-11-21
RESULT 34				PRIOR APPLICATION NUMBER: 60/077450
US-09-999-834A-118				PRIOR FILING DATE: 1998-03-10
; Sequence 118, Application US/09999834A				PRIOR APPLICATION NUMBER: 60/077632
; Publication No. US20030064407A1				PRIOR FILING DATE: 1998-03-11
; GENERAL INFORMATION:				PRIOR APPLICATION NUMBER: 60/077641
; APPLICANT: Ashkenazi, Avi				PRIOR FILING DATE: 1998-03-11
; APPLICANT: Baker Kevin P.				PRIOR APPLICATION NUMBER: 60/077791
; APPLICANT: Botstein, David				PRIOR FILING DATE: 1998-03-12
; APPLICANT: Desnoyers, Luc				PRIOR APPLICATION NUMBER: 60/078004
; APPLICANT: Eaton, Dan				PRIOR FILING DATE: 1998-03-13
; APPLICANT: Ferrara, Napoleon				PRIOR APPLICATION NUMBER: 60/078886
; APPLICANT: Filvaroff, Ellen				PRIOR FILING DATE: 1998-03-20
; APPLICANT: Fong, Sherman				PRIOR APPLICATION NUMBER: 60/078936
; APPLICANT: Gao, Wei-Qiang				PRIOR FILING DATE: 1998-03-20
; APPLICANT: Gerber, Hanspeter				PRIOR APPLICATION NUMBER: 60/078910
; APPLICANT: Goddard, Audrey				PRIOR FILING DATE: 1998-03-20
; APPLICANT: Godowski, Paul J.				PRIOR APPLICATION NUMBER: 60/078939
; APPLICANT: Grimaldi, J. Christopher				PRIOR FILING DATE: 1998-03-20
; APPLICANT: Gurney, Austin L.				PRIOR APPLICATION NUMBER: 60/079294
; APPLICANT: Hillan, Kenneth J.				PRIOR FILING DATE: 1998-03-25
; APPLICANT: Kljavin, Ivar J.				PRIOR APPLICATION NUMBER: 60/079656

;; PRIOR APPLICATION NUMBER: 60/080328
;; PRIOR FILING DATE: 1998-04-01
;; PRIOR APPLICATION NUMBER: 60/080333
;; PRIOR FILING DATE: 1998-04-01
;; PRIOR APPLICATION NUMBER: 60/080334
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;; PRIOR APPLICATION NUMBER: 60/081070
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;; PRIOR APPLICATION NUMBER: 60/081049
;; PRIOR FILING DATE: 1998-04-08
;; PRIOR APPLICATION NUMBER: 60/081071
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;; PRIOR APPLICATION NUMBER: 60/081195
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;; PRIOR APPLICATION NUMBER: 60/083322
;; PRIOR FILING DATE: 1998-04-28
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;; PRIOR APPLICATION NUMBER: 60/085689
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085579
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085580
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085573
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085704
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 99.7%; Score 2253; DB 13; Length 2260;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGGACGGCTGGGTGCGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGAGAGAGAGCGCGCG 60
Db 1 CGGACGGCTGGGTGCGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGAGAGAGAGCGCGCG 60
Qy 61 GCTTAGTGCTACGGGGTGGCGCGCGCGCTCCGAGGGGGGCTCAGGAGGAGGAAGA 120
Db 61 GCTTAGTGCTACGGGGTGGCGCGCGCGCTCCGAGGGGGGCTCAGGAGGAGGAAGA 120
Qy 121 GGACCGGTGGAGAAATGCTCTGCTCGAGGCTTGGCGCTCCCGCTGCTGTCTCTCTGGG 180
Db 121 GGACCGGTGGAGAAATGCTCTGCTCGAGGCTTGGCGCTCCCGCTGCTGTCTCTCTGGG 180
Qy 181 TGGCAGGTGTTTCGGGAACGCGGCGCAGTGCAAGGATCACGGGTTGTAGCATCGGCAC 240
Db 181 TGGCAGGTGTTTCGGGAACGCGGCGCAGTGCAAGGATCACGGGTTGTAGCATCGGCAC 240
Qy 241 GTCAGCGTGGGGTCTGTCACTATGGAATAACTGGGCTGCTGCTACGGCTCGAGAAGAA 300
Db 241 GTCAGCGTGGGGTCTGTCACTATGGAATAACTGGGCTGCTGCTACGGCTCGAGAAGAA 300
Qy 301 ACAGCAAGGAGTCTGTGAAGTACTATGCGAACCTGGATGTAAAGTTTGGTGTAGTGGTGG 360
Db 301 ACAGCAAGGAGTCTGTGAAGTACTATGCGAACCTGGATGTAAAGTTTGGTGTAGTGGTGG 360
Qy 361 GACCAAAACAATGCAGATGCTTCCAGGATACACCGGGAAACCTGCGTCAAGATGTGA 420
Db 361 GACCAAAACAATGCAGATGCTTCCAGGATACACCGGGAAACCTGCGTCAAGATGTGA 420
Qy 421 ATGAGTGTGGAATGAACCCCGGCCATGCCAACACAGATGTGTGAATACACCGAAGCT 480
Db 421 ATGAGTGTGGAATGAACCCCGGCCATGCCAACACAGATGTGTGAATACACCGAAGCT 480
Qy 481 ACAAGTGTGCTTTGGCTCAGTGGGCAATGCTCATGCCAGATGCTAGTGTGTGAACCTTA 540
Db 481 ACAAGTGTGCTTTGGCTCAGTGGGCAATGCTCATGCCAGATGCTAGTGTGTGAACCTTA 540

Db 481 ACAAGTCTTTTGGCTCAGTGGCCACAGTCTCAATGCCAGATGCTAGTGTGAACTCTA 540
Qy 541 GGACATGTGCGCATGATAAACTGTGAGTACAGTGTGAGACACAGAGAAAGGGCCACAGT 600
Db 541 GGACATGTGCGCATGATAAACTGTGAGTACAGTGTGAGACACAGAGAAAGGGCCACAGT 600
Qy 601 GCGTGTGTCATCTCAGGACTCGGCTGCGCCCAATGGAAGAGACTGTCTAGATATTG 660
Db 601 GCGTGTGTCATCTCAGGACTCGGCTGCGCCCAATGGAAGAGACTGTCTAGATATTG 660
Qy 661 ATGAATGTGCTCTGGTAAAGTCACTGTCCCTACAATCGAAGATGTGGAACACATTTG 720
Db 661 ATGAATGTGCTCTGGTAAAGTCACTGTCCCTACAATCGAAGATGTGGAACACATTTG 720
Qy 721 GAAGCTACTACTGCAATGTCAATTTGGTTTGAATGCAATGATGAGTGTGAGTGTGAGTGTG 780
Db 721 GAAGCTACTACTGCAATGTCAATTTGGTTTGAATGCAATGATGAGTGTGAGTGTGAGTGTG 780
Qy 781 ACTGTATAGATATAAATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 840
Db 781 ACTGTATAGATATAAATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 840
Qy 841 GCTTCAATACCAAGGTCCTTCAAGTGTAAATGCAAGCAGGATATAAAGCAATGGAC 900
Db 841 GCTTCAATACCAAGGTCCTTCAAGTGTAAATGCAAGCAGGATATAAAGCAATGGAC 900
Qy 901 TTCCGCTGTCTGCTATCCCTGMAAATTCCTGAGGAAGTCTCAGAGCACCTGTGTACCA 960
Db 901 TTCCGCTGTCTGCTATCCCTGMAAATTCCTGAGGAAGTCTCAGAGCACCTGTGTACCA 960
Qy 961 TCAAGACAGAAATCAAGAAAGTTGCTGCTCACAATAACAGACATGAAAGAGGCAAAA 1020
Db 961 TCAAGACAGAAATCAAGAAAGTTGCTGCTCACAATAACAGACATGAAAGAGGCAAAA 1020
Qy 1021 TTAATAATGTTACCCAGACACACAGGACTCTACCTCCCTAAGTGTGACTTGCAGCCCT 1080
Db 1021 TTAATAATGTTTACCCAGACACACAGGACTCTACCTCCCTAAGTGTGACTTGCAGCCCT 1080
Qy 1081 TCAACTATGAAGAGATAGTTTCCAGAGCGGGAATCTCATGAGAGTAAAAAGGGAATG 1140
Db 1081 TCAACTATGAAGAGATAGTTTCCAGAGCGGGAATCTCATGAGAGTAAAAAGGGAATG 1140
Qy 1141 AAGAGAAATGAAGAGGGCTTGAGGATGAGAAAGAGAGAGAAAGCCCTGAGATGA 1200
Db 1141 AAGAGAAATGAAGAGGGCTTGAGGATGAGAAAGAGAGAGAAAGCCCTGAGATGA 1200
Qy 1201 CATAGAGAGCGAAGCTCGAGAGAGATGTTTTCCTTAAGTGAATGAAGCAGGTGA 1260
Db 1201 CATAGAGAGCGAAGCTCGAGAGAGATGTTTTCCTTAAGTGAATGAAGCAGGTGA 1260
Qy 1261 ATTGGCTGATTTGCTGTCAGAGAAAGCGCTAACTTCCAACTGGAACATAAAGATTT 1320
Db 1261 ATTGGCTGATTTGCTGTCAGAGAAAGCGCTAACTTCCAACTGGAACATAAAGATTT 1320
Qy 1321 AAATATCTCGGTGACTGACGCTCAATCATGGAATGCTGATGCTGGAAGAGAGATGAGA 1380
Db 1321 AAATATCTCGGTGACTGACGCTCAATCATGGAATGCTGATGCTGGAAGAGAGATGAGA 1380
Qy 1381 AGATGATTTGACTGGAATCTGCTGATGAGATGATGATGATGATGATGATGATGATGATGATGAT 1440
Db 1381 AGATGATTTGACTGGAATCTGCTGATGAGATGATGATGATGATGATGATGATGATGATGATGAT 1440
Qy 1441 TCCGCGCTTGGCAGTCAAGAGAGACATTTGGCGGATTTGAACTTCTCTACCTGACCT 1500
Db 1441 TCCGCGCTTGGCAGTCAAGAGAGACATTTGGCGGATTTGAACTTCTCTACCTGACCT 1500
Qy 1501 GCAACCCCAAGCAACTTCTGCTTTGATTTACCGCTGCGCGGAGACAAAGTCGG 1560
Db 1501 GCAACCCCAAGCAACTTCTGCTTTGATTTACCGCTGCGCGGAGACAAAGTCGG 1560
Qy 1561 GAACTTCGAGTGTGTGAAAGACAGTAACTGCGCTGCGATGGAGAGACAGAG 1620
Db 1561 GAACTTCGAGTGTGTGAAAGACAGTAACTGCGCTGCGATGGAGAGACAGAG 1620

Qy 1621 TGAGGATGAAAAAGTGAAGACAGGGAATTTAGTTGTATCAAGGAACGTGATGTACCAA 1680
Db 1621 TGAGGATGAAAAAGTGAAGACAGGGAATTTAGTTGTATCAAGGAACGTGATGTACCAA 1680
Qy 1681 AAGCATCAATTTTGAAGCAGAAAGTGGCAAGGGCAAAACCGGCAATTCGCAAGTGGATGG 1740
Db 1681 AAGCATCAATTTTGAAGCAGAAAGTGGCAAGGGCAAAACCGGCAATTCGCAAGTGGATGG 1740
Qy 1741 CGCTTGTGTTTTCAGGCTTATGTCAGATAGCCCTTTTATCTGTGGATGACTGAATGTT 1800
Db 1741 CGCTTGTGTTTTCAGGCTTATGTCAGATAGCCCTTTTATCTGTGGATGACTGAATGTT 1800
Qy 1801 ACTATCTTATATTTGACCTTGTATGTCAGTTCCTGCTGTTTTTTTGTATTTGATCATAG 1860
Db 1801 ACTATCTTATATTTGACCTTGTATGTCAGTTCCTGCTGTTTTTTTGTATTTGATCATAG 1860
Qy 1861 GACCTCTGGCAATTTAGAAATTTACTAGCTGAAAAATTTAAATGTACCAACAGAAAAATTTAT 1920
Db 1861 GACCTCTGGCAATTTAGAAATTTACTAGCTGAAAAATTTAAATGTACCAACAGAAAAATTTAT 1920
Qy 1921 TGTAAGATGCTTCTTGTATTAAGATATGCCAAATTTTCTGCTTAAATATCATCATCTGT 1980
Db 1921 TGTAAGATGCTTCTTGTATTAAGATATGCCAAATTTTCTGCTTAAATATCATCATCTGT 1980
Qy 1981 ATCTTCTCAGTCAATTTCTGAATCTTTCCNCAATTTATATAAAATNTGAAANGTCAGTT 2040
Db 1981 ATCTTCTCAGTCAATTTCTGAATCTTTCCNCAATTTATATAAAATNTGAAANGTCAGTT 2040
Qy 2041 TATCTCCCTCTCCNGTATATCTGATTTGTATFANGTGTGATGNGCTTCTCTCTACAA 2100
Db 2041 TATCTCCCTCTCCNGTATATCTGATTTGTATFANGTGTGATGNGCTTCTCTCTACAA 2100
Qy 2101 CATTTCTAGAAATAGAAAAAGCAAGAGAAATGTTTTAACTGTTTGACCTTTATGAT 2160
Db 2101 CATTTCTAGAAATAGAAAAAGCAAGAGAAATGTTTTAACTGTTTGACCTTTATGAT 2160
Qy 2161 ACTTTTGGAAACTATGACATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGTCTT 2220
Db 2161 ACTTTTGGAAACTATGACATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGTCTT 2220
Qy 2221 TCATAGCCAACTGATATATTTAAATCTTTTGTAAATAATAA 2260
Db 2221 TCATAGCCAACTGATATATTTAAATCTTTTGTAAATAATAA 2260

RESULT 35
US-10-162-521A-118
; Sequence 118, Application US/10162521A
; Publication No. US20030211092A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Deenoyers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann

1501 GCAACCCCAACAACTCTGTTGCTCTTTGATTACCGGCTGCCGAGACAAAGTCGG 1560
1501 GCAACCCCAACAACTCTGTTGCTCTTTGATTACCGGCTGCCGAGACAAAGTCGG 1560
1561 GAAACTTCGAGTGTGTTGTAAGAAACAGTAACAATGCCCTGCGAGAGACACGAG 1620
1561 GAAACTTCGAGTGTGTTGTAAGAAACAGTAACAATGCCCTGCGAGAGACACGAG 1620
1621 TCAGGATGAAGATGGAAGACAGGAGAAATTCAGTTGATCAAGAACTGATGCTACAA 1680
1621 TGAGGATGAAGATGGAAGACAGGAGAAATTCAGTTGATCAAGAACTGATGCTACAA 1680
1681 AAGCATCATTTTGAAGCAGACAGTGGCAAGGGCAAAACCGCGGAAATCGCAGTGGATG 1740
1681 AAGCATCATTTTGAAGCAGACAGTGGCAAGGGCAAAACCGCGGAAATCGCAGTGGATG 1740
1741 CGCTGCTGCTGTTGAGGCTTATGTCAGATAGCCCTTTATCTGATGATGCTGAAGTGT 1800
1741 CGCTGCTGCTGTTGAGGCTTATGTCAGATAGCCCTTTATCTGATGATGCTGAAGTGT 1800
1801 ACTATCTTTATATTTGACTTTGATGTCAGTTCCTGCTGCTTTTGTGATTTGATGCTATAG 1860
1801 ACTATCTTTATATTTGACTTTGATGTCAGTTCCTGCTGCTTTTGTGATTTGATGCTATAG 1860
1861 GACCTCTGCAATTTAGAAATTAAGTACGAGTGAATAATGTAATGTACCAACAGAAATATAT 1920
1861 GACCTCTGCAATTTAGAAATTAAGTACGAGTGAATAATGTAATGTACCAACAGAAATATAT 1920
1921 TGTAAATGCTCTTCTGTTATAGATATGCAATATTTGCTTTTAAATATCATATCACTGT 1980
1921 TGTAAATGCTCTTCTGTTATAGATATGCAATATTTGCTTTTAAATATCATATCACTGT 1980
1981 ATCTTCTAGTCAATTTCTGAACTTTTCCNCAATATATTTAAATTTGAAATGCAAGT 2040
1981 ATCTTCTAGTCAATTTCTGAACTTTTCCNCAATATATTTAAATTTGAAATGCAAGT 2040
2041 TATCTCCCTCTCTGATATCTGATTTGTATGATGATGATGATGATGATGATGATGATGAT 2100
2041 TATCTCCCTCTCTGATATCTGATTTGTATGATGATGATGATGATGATGATGATGATGAT 2100
2101 CATTTCTAGAAATAGAAAAAAGACACAGAGAAATGTTTAACTGTTTGAATCTTTATGAT 2160
2101 CATTTCTAGAAATAGAAAAAAGACACAGAGAAATGTTTAACTGTTTGAATCTTTATGAT 2160
2161 ACTTCTTGAAGATGATGATCAAGATGATGATTTGCTTGAAGTGGCTTACCTGGTCTT 2220
2161 ACTTCTTGAAGATGATGATCAAGATGATGATTTTGCCTAAGTGGCTTACCTGGTCTT 2220
2221 TCATAGCCAAACTTGATATTTAAATTTCTTTGTAATAATAA 2260
2221 TCATAGCCAAACTTGATATTTAAATTTCTTTGTAATAATAA 2260

RESULT 36
US-10-145-016A-118
; Sequence 118, Application US/10145016A
; Publication No. US20030203433A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.

APPLICANT: Hillan, Kenneth J
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C52
CURRENT APPLICATION NUMBER: US/10/145,016A
CURRENT FILING DATE: 2001-10-18
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 118
LENGTH: 2260
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: unsure
LOCATION: 2009, 2026, 2033, 2055, 2074, 2078, 2086
OTHER INFORMATION: unknown base
US-10-145-016A-118
Query Match 99.7%; Score 2253; DB 13; Length 2260;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGGACGCGTGGTGGAGTGGAGCGGAGAGCCCGAGCGGCTGAGGAGAGAGGCGGCG 60
Db 1 CGGACGCGTGGTGGAGTGGAGCGGAGAGCCCGAGCGGCTGAGGAGAGAGGCGGCG 60
QY 61 GCTTAGCTGTACAGGGGTCCGCGCGCGGCGCTCCCGAGGGGGGCTCAGGAGGAGAGGA 120
Db 61 GCTTAGCTGTACAGGGGTCCGCGCGCGGCGCTCCCGAGGGGGGCTCAGGAGGAGAGGA 120
QY 121 GGACCCGTCGAGAAATGCGCTCTGCCCTGGAGACCTTGCGCTCCCGCTGCTCTCTCTGG 180
Db 121 GGACCCGTCGAGAAATGCGCTCTGCCCTGGAGACCTTGCGCTCCCGCTGCTCTCTCTGG 180
QY 181 TGGCAGGTGGTTTTCGGGAACCGCGGCGAGTCAAGGCGTGTGTAGCATCGGCAC 240
Db 181 TGGCAGGTGGTTTTCGGGAACCGCGGCGAGTCAAGGCGTGTGTAGCATCGGCAC 240
QY 241 GTCAGCCTGGGTCTGTCTCATATGGAATAAATGGGCTGTCTGTCTAGCGCTGGAGAGAA 300
Db 241 GTCAGCCTGGGTCTGTCTCATATGGAATAAATGGGCTGTCTGTCTAGCGCTGGAGAGAA 300

QY 301 ACAGCAAGGAGTCTGTGAAGCTACATGCGAACCTGGATGTAAAGTTTGGTGAAGTCGCGTGG 360
Db 301 ACAGCAAGGAGTCTGTGAAGCTACATGCGAACCTGGATGTAAAGTTTGGTGAAGTCGCGTGG 360
QY 361 GACCAACAATCAGATGCTTTCCAGGATACACCGGGAACCTCGAGTCAAGATGGA 420
Db 361 GACCAACAATCAGATGCTTTCCAGGATACACCGGGAACCTCGAGTCAAGATGGA 420
QY 421 ATGAGTGTGAATGAAACCCCGCCCATGCCAACACAGATGTGTGAATACACCGGAAGCT 480
Db 421 ATGAGTGTGAATGAAACCCCGCCCATGCCAACACAGATGTGTGAATACACCGGAAGCT 480
QY 481 ACAAGTCTTTTCCCTCAGTGGCCACATGCTCATGCGAGATCTAGTGTGGAAGTCTTA 540
Db 481 ACAAGTCTTTTCCCTCAGTGGCCACATGCTCATGCGAGATCTAGTGTGGAAGTCTTA 540
QY 541 GGACATGTGCATGATAAATCTGTCACTACAGTGTGAAGACACAGAAAGGGCCACAGT 600
Db 541 GGACATGTGCATGATAAATCTGTCACTACAGTGTGAAGACACAGAAAGGGCCACAGT 600
QY 601 GCCTGTGTCCATCTCAGGACTCGGCTGGCCCAATGCGAAGAGACTGTCTAGATATTG 660
Db 601 GCCTGTGTCCATCTCAGGACTCGGCTGGCCCAATGCGAAGAGACTGTCTAGATATTG 660
QY 661 ATGAATGTGCTCTGTGTAAGTCACTGTCTCCCTACCAATCGAAGATGTGTGAACACATTG 720
Db 661 ATGAATGTGCTCTGTGTAAGTCACTGTCTCCCTACCAATCGAAGATGTGTGAACACATTG 720
QY 721 GAAGCTACTACTGCAATGTCACTGGTTTCCAACTGCAATATATCACTGAGTGAAGATG 780
Db 721 GAAGCTACTACTGCAATGTCACTGGTTTCCAACTGCAATATATCACTGAGTGAAGATG 780
QY 781 ACTGTAAGATATAAATGAATGTACTATGATAGCCATACGTCGACCCACCATGCAATT 840
Db 781 ACTGTAAGATATAAATGAATGTACTATGATAGCCATACGTCGACCCACCATGCAATT 840
QY 841 GCTTCAATACCAAGGTCCTTCAAGTGTAAATGCAAGCGGATATGAAGCAATGGAC 900
Db 841 GCTTCAATACCAAGGTCCTTCAAGTGTAAATGCAAGCGGATATGAAGCAATGGAC 900
QY 901 TTCGGTGTCTGCTATCCCTGAAATCTGTGAAGGAAGTCTCTAGAGCACTCTGATACCA 960
Db 901 TTCGGTGTCTGCTATCCCTGAAATCTGTGAAGGAAGTCTCTAGAGCACTCTGATACCA 960
QY 961 TCAAGACAGAAATCAAGAAAGTGTCTGCTCACAAAAACAGCATGAAAAAGAGGCAAAA 1020
Db 961 TCAAGACAGAAATCAAGAAAGTGTCTGCTCACAAAAACAGCATGAAAAAGAGGCAAAA 1020
QY 1021 TTAATAATGTTTACCCAGAACCCACAGGACTCTACCCCTAAGGTGAATCTGAGCCCT 1080
Db 1021 TTAATAATGTTTACCCAGAACCCACAGGACTCTACCCCTAAGGTGAATCTGAGCCCT 1080
QY 1081 TCAACTATGAAGATAGTGTTCAGAGCGGGAACCTCTCATGAGGTAAAAAGGGAATG 1140
Db 1081 TCAACTATGAAGATAGTGTTCAGAGCGGGAACCTCTCATGAGGTAAAAAGGGAATG 1140
QY 1141 AAGAGAAATGAAGAGGGCTTCCAGAGCGGGAACCTCTCATGAGGTAAAAAGGGAATG 1200
Db 1141 AAGAGAAATGAAGAGGGCTTCCAGAGCGGGAACCTCTCATGAGGTAAAAAGGGAATG 1200
QY 1201 CATAGAGAGCGAAGCCCTCGAGGAGATGTGTTTTCCCTTAAGGTGAATGAAGAGTGA 1260
Db 1201 CATAGAGAGCGAAGCCCTCGAGGAGATGTGTTTTCCCTTAAGGTGAATGAAGAGTGA 1260
QY 1261 ATTGGCCCTGATTTGGTCCAAAGGAAGCGCTTAATCCAACTGGAACATAAGATT 1320
Db 1261 ATTGGCCCTGATTTGGTCCAAAGGAAGCGCTTAATCCAACTGGAACATAAGATT 1320
QY 1321 AAATATCTCGGTGTGACTGACCTTCAATCATGGGATCTGTGACTGGAAACAGGATAGAG 1380
Db 1321 AAATATCTCGGTGTGACTGACCTTCAATCATGGGATCTGTGACTGGAAACAGGATAGAG 1380
QY 1381 AGATGATTTGACTGGAAATCTGCTGATCGAGATAATGCTATTGGCTTCTATATGCGACT 1440

Db 1381 AGATGATTTGACTGGAAATCTGCTGATCGAGATAATGCTATTGGCTTCTATATGGCAGT 1440
QY 1441 TCCGSCCTTGGCAGGTCAAGAAAGACATTTGGCCGATTTGAAACTTCTCTACCTGACCT 1500
Db 1441 TCCGSCCTTGGCAGGTCAAGAAAGACATTTGGCCGATTTGAAACTTCTCTACCTGACCT 1500
QY 1501 GCNACCCCAAGCAACTTCTGTTGCTTCTTGTATACCGGCTGCGGAGACAAGTCGG 1560
Db 1501 GCNACCCCAAGCAACTTCTGTTGCTTCTTGTATACCGGCTGCGGAGACAAGTCGG 1560
QY 1561 GAAACTTTCAGTGTGTTGTGAAAAACAGTAAACAATGCCCTGGCATGGGAGAAAGACAG 1620
Db 1561 GAAACTTTCAGTGTGTTGTGAAAAACAGTAAACAATGCCCTGGCATGGGAGAAAGACAG 1620
QY 1621 TGAGATGAAAAGTGGAGACAGGGAATTCAGTTGTATCAAGGAATGATGTACCAA 1680
Db 1621 TGAGATGAAAAGTGGAGACAGGGAATTCAGTTGTATCAAGGAATGATGTACCAA 1680
QY 1681 AAGCATCACTTTTGAAGCAGAACGTGGCAAGGCAAAAACCGGCGAATTCGCAATGGATGG 1740
Db 1681 AAGCATCACTTTTGAAGCAGAACGTGGCAAGGCAAAAACCGGCGAATTCGCAATGGATGG 1740
QY 1741 CGCTTGTGTTTCAAGCTTATGTCAGATAGCCCTTTTATCTGTGGATGACTGAATGTT 1800
Db 1741 CGCTTGTGTTTCAAGCTTATGTCAGATAGCCCTTTTATCTGTGGATGACTGAATGTT 1800
QY 1801 ACTATCTTATATTTGACTTTCATGTAGTCCCTGGTTTTTTTGAATATGCAATCATAG 1860
Db 1801 ACTATCTTATATTTGACTTTCATGTAGTCCCTGGTTTTTTTGAATATGCAATCATAG 1860
QY 1861 GACCTCGGCACTTTAGAAATTAAGTGAAGAAATTAATGATGATGACCAACAGAAATATTAT 1920
Db 1861 GACCTCGGCACTTTAGAAATTAAGTGAAGAAATTAATGATGATGACCAACAGAAATATTAT 1920
QY 1921 TGTAAAGATGCTTCTGTTGATAGATATGCCAATATTTGCTTTAAATATCATATCACTGT 1980
Db 1921 TGTAAAGATGCTTCTGTTGATAGATATGCCAATATTTGCTTTAAATATCATATCACTGT 1980
QY 1981 ATCTTCTGAGTCAATTTCTCAATCTTTCCNCAATTAATATAAAATNTGAAAGTCAGTT 2040
Db 1981 ATCTTCTGAGTCAATTTCTCAATCTTTCCNCAATTAATATAAAATNTGAAAGTCAGTT 2040
QY 2041 TATCTCCCTCTCCNGTATATCTGATTTGTATANGTANGTANGTCTTCTCTACAA 2100
Db 2041 TATCTCCCTCTCCNGTATATCTGATTTGTATANGTANGTANGTCTTCTCTACAA 2100
QY 2101 CATTTCTAGAAAATAGAAAAAAGCAGAGAAAATGTTTAACTGTTTGAATCTTTATGAT 2160
Db 2101 CATTTCTAGAAAATAGAAAAAAGCAGAGAAAATGTTTAACTGTTTGAATCTTTATGAT 2160
QY 2161 ACTTCTGGAACTATGACATCAAGATAGACTTTTGGCTAAGTGGCTTAGCTGGTCTT 2220
Db 2161 ACTTCTGGAACTATGACATCAAGATAGACTTTTGGCTAAGTGGCTTAGCTGGTCTT 2220
QY 2221 TCATAGCCAACTTGTATATTTAAATCTTTTGTAAATAATAA 2260
Db 2221 TCATAGCCAACTTGTATATTTAAATCTTTTGTAAATAATAA 2260

RESULT 37

US-10-145-088A-118
; Sequence 118, Application US/10145088A
; Publication No. US2003020343A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Deenoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman

Db 1261 ATTGGCCCTGATTCTGGTCCAAAGGAAAGCGCTAACTTCCAACTGGAAACATAAGATTT 1320
Qy 1321 AAATATCTCGGTGACGCTGAGCTTCAATCATGGGATCTGACCTGGAAACAGGATAGAGA 1380
Db 1321 AAATATCTCGGTGACGCTGAGCTTCAATCATGGGATCTGACCTGGAAACAGGATAGAGA 1380
Qy 1381 AGATGATTTTGACTGGAATCTGCTGATCGAGATTAATGCTATTTGGCTTCTATATGGCAGT 1440
Db 1381 AGATGATTTTGACTGGAATCTGCTGATCGAGATTAATGCTATTTGGCTTCTATATGGCAGT 1440
Qy 1441 TCGGCTTGGCAGGTCACAGAAAGACATTTGGCGGATTTGAACTTCTTCTACCTGACCT 1500
Db 1441 TCGGCTTGGCAGGTCACAGAAAGACATTTGGCGGATTTGAACTTCTTCTACCTGACCT 1500
Qy 1501 GCAACCCCAAGCACTTCTGTTTGTGTTTGTATCCGGCTGGCGGAGACAAAGTCGG 1560
Db 1501 GCAACCCCAAGCACTTCTGTTTGTGTTTGTATCCGGCTGGCGGAGACAAAGTCGG 1560
Qy 1561 GAACTTCGAGTGTGTTGTAAGAAACAGTAACTGCTGCGATGGGAGAGACACGAG 1620
Db 1561 GAACTTCGAGTGTGTTGTAAGAAACAGTAACTGCTGCGATGGGAGAGACACGAG 1620
Qy 1621 TGAGGATGAAAGTGAAGACAGGGAATTCAGTTGTATCAAGGAATGATGCTTACCAA 1680
Db 1621 TGAGGATGAAAGTGAAGACAGGGAATTCAGTTGTATCAAGGAATGATGCTTACCAA 1680
Qy 1681 AAGCATATTTTGAAGCAAGCTGGCAAGGCAAAACCGCGAAATCGCAGTGGATGG 1740
Db 1681 AAGCATATTTTGAAGCAAGCTGGCAAGGCAAAACCGCGAAATCGCAGTGGATGG 1740
Qy 1741 CGTCTTGTGTTTCAAGCTTATGTCCAGATAGCCTTTTATCTGTGGATGATGAATGTT 1800
Db 1741 CGTCTTGTGTTTCAAGCTTATGTCCAGATAGCCTTTTATCTGTGGATGATGAATGTT 1800
Qy 1801 ACTATCTTTATTTGACTTGTATGTCAGTTCCTGCTGCTTTTGTGATTTGATCATAG 1860
Db 1801 ACTATCTTTATTTGACTTGTATGTCAGTTCCTGCTGCTTTTGTGATTTGATCATAG 1860
Qy 1861 GACCTCTGGATTTTGAATTAAGTCTGAAATTAATGTAATGTACCAACAGAAATATTAT 1920
Db 1861 GACCTCTGGATTTTGAATTAAGTCTGAAATTAATGTAATGTACCAACAGAAATATTAT 1920
Qy 1921 TGTAAAGTGCCTTCTTGTATAGATATGCAATATTTGCTTTAAATATCATATCACTGT 1980
Db 1921 TGTAAAGTGCCTTCTTGTATAGATATGCAATATTTGCTTTAAATATCATATCACTGT 1980
Qy 1981 ATCTTCTCAGTCATTTCTGATCTGAAATTAATGTAATTAATAATGGAANGTCAGTT 2040
Db 1981 ATCTTCTCAGTCATTTCTGATCTGAAATTAATGTAATTAATAATGGAANGTCAGTT 2040
Qy 2041 TATCTCCCTCCTCNGTATATCTGATTTGTATANGTANGTANGTANGTANGTANGTANGT 2100
Db 2041 TATCTCCCTCCTCNGTATATCTGATTTGTATANGTANGTANGTANGTANGTANGTANGT 2100
Qy 2101 CATTTCTAGAAATAGAAAGGACACAGAAATGTTTAACTGTTTCACTTCTTATGAT 2160
Db 2101 CATTTCTAGAAATAGAAAGGACACAGAAATGTTTAACTGTTTCACTTCTTATGAT 2160
Qy 2161 ACTTCTTGGAACTATGACATCAAGATAGACTTTTGCCTAAGTGCCTTAGCTGGTCTT 2220
Db 2161 ACTTCTTGGAACTATGACATCAAGATAGACTTTTGCCTAAGTGCCTTAGCTGGTCTT 2220
Qy 2221 TCATAGCCAACTGTTATATTTTAACTTCTTGTAAATATA 2260
Db 2221 TCATAGCCAACTGTTATATTTTAACTTCTTGTAAATATA 2260

RESULT 38
US-10-145-092A-118
; Sequence 118, Application US/10145092A
; Publication No. US20030203435A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi

; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC45
; CURRENT APPLICATION NUMBER: US/10/145,092A
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 118
; LENGTH: 2260
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: unsure
; LOCATION: 2009, 2026, 2033, 2056, 2074, 2078, 2086
; OTHER INFORMATION: unknown base
US-10-145-092A-118

Query Match 99.7%; Score 2253; DB 13; Length 2260;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 CGGACGCGTGGGTGCGAGTGGAGCGGAGACCCGAGCGGCTGAGGAGAGAGGCGCGG 60
Db 1 CGGACGCGTGGGTGCGAGTGGAGCGGAGACCCGAGCGGCTGAGGAGAGAGGCGCGG 60
Qy 61 GCTTAGCTGCTACGGGCTCCGCGCCCTCCGAGGGGGCTCAGAGGAGGAAGA 120

RESULT 39
US-10-145-129A-118
; Sequence 118, Application US/10145129A
; Publication No. US20030203436A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Thomas, Daniel
; APPLICANT: Williams, F. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C51
; CURRENT APPLICATION NUMBER: US/10/145,129A
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 118
; LENGTH: 2260
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: unsure
; LOCATION: 209, 2026, 2033, 2055, 2074, 2078, 2086
; OTHER INFORMATION: unknown base
US-10-145-129A-118

Query Match 99.7%; Score 2253; DB 13; Length 2260;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCTGGGTGCGAGTGGAGCGGAGGAGCCCGAGCGGCTGAGGAGAGGAGGCGGCG 60
DB 1 CGGACGCTGGGTGCGAGTGGAGCGGAGGAGCCCGAGCGGCTGAGGAGAGGAGGCGGCG 60
QY 61 GCTTAGCTGCTAGCGGGTCCGCGCGCGGCTCCCGAGGGGGGGCTCAGGAGGAGGAGGAG 120
DB 61 GCTTAGCTGCTAGCGGGTCCGCGCGCGGCTCCCGAGGGGGGGCTCAGGAGGAGGAGGAG 120
QY 121 GGACCCGCTGCGAGAAATGCTCTGCGCCCTGGAGCTTGGGCTCCCGCTGCTCTCTCTGGG 180
DB 121 GGACCCGCTGCGAGAAATGCTCTGCGCCCTGGAGCTTGGGCTCCCGCTGCTCTCTCTGGG 180
QY 181 TGGCAGGTGCTTTCGGGAAACCGGCGGCTGCAAGCATCAGGGTGTGAGTACGCGCAC 240
DB 181 TGGCAGGTGCTTTCGGGAAACCGGCGGCTGCAAGCATCAGGGTGTGAGTACGCGCAC 240
QY 241 GTCAGCTCGGGTCTGTCTACATATGGAATAACTATGCGCTGCTGCTAGCGGTGAGAGAA 300
DB 241 GTCAGCTCGGGTCTGTCTACATATGGAATAACTATGCGCTGCTGCTAGCGGTGAGAGAA 300
QY 301 ACAGCAGGGAGTCTGTGAGCTACATCGGAACCTGGATGTAAGTTTGGTGGTGGTGG 360
DB 301 ACAGCAGGGAGTCTGTGAGCTACATCGGAACCTGGATGTAAGTTTGGTGGTGGTGG 360
QY 361 GACCAAAACAAATGCAGATGCTTTCCAGGATACACCGGGGAAACCTGCAGTCAAGATGGA 420
DB 361 GACCAAAACAAATGCAGATGCTTTCCAGGATACACCGGGGAAACCTGCAGTCAAGATGGA 420
QY 421 ATGAGTGTGGATGAAACCCCGGCGGCTGCGCAACAGATGTGTGAATACACACGAGCT 480
DB 421 ATGAGTGTGGATGAAACCCCGGCGGCTGCGCAACAGATGTGTGAATACACACGAGCT 480
QY 481 ACAAGTGTCTTTGCGCTCAGTGGCCACATGCTCATGCCAGATGCTACGTGTGTAACCTTA 540
DB 481 ACAAGTGTCTTTGCGCTCAGTGGCCACATGCTCATGCCAGATGCTACGTGTGTAACCTTA 540
QY 541 GGCATGTGCCATGATAAAGTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 600
DB 541 GGCATGTGCCATGATAAAGTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 600
QY 601 GCCTGTGCTCCATCCTCAGGACTCCGCTGCGCCGCGGCTGCGCCGCGGCTGCTGCTGCTGCT 660
DB 601 GCCTGTGCTCCATCCTCAGGACTCCGCTGCGCCGCGGCTGCGCCGCGGCTGCTGCTGCTGCT 660
QY 661 ATGAATGTGCTCTGCTGTAAGTCAATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 720
DB 661 ATGAATGTGCTCTGCTGTAAGTCAATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 720
QY 721 GAAGCTACTACTGCAAAATGTCAATTTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 780
DB 721 GAAGCTACTACTGCAAAATGTCAATTTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 780
QY 781 ACTGTATAGATATAAATGAATGTAATGTAATGTAATGTAATGTAATGTAATGTAATGTAATG 840
DB 781 ACTGTATAGATATAAATGAATGTAATGTAATGTAATGTAATGTAATGTAATGTAATGTAATG 840
QY 841 GCTTCAATACCAAGGCTCCCTTCAAGTGAATGCAAGGAGGAGTCAAGGAGGAGTCAAGGAG 900
DB 841 GCTTCAATACCAAGGCTCCCTTCAAGTGAATGCAAGGAGGAGTCAAGGAGGAGTCAAGGAG 900
QY 901 TTGCGGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 960
DB 901 TTGCGGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 960
QY 961 TCAAGACAGAAATCAAGAGTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1020
DB 961 TCAAGACAGAAATCAAGAGTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1020
QY 1021 TTAAGAAATGTTACCCAGAACCCAGGAGTCTTACCCCTTACCCCTTACCCCTTACCCCTTAC 1080
DB 1021 TTAAGAAATGTTACCCAGAACCCAGGAGTCTTACCCCTTACCCCTTACCCCTTACCCCTTAC 1080

1081 TCACCTATGAAGAGATAGTTTCCAGAGCGGGAACCTCTCATGGAGGTAAAGAGGAGT 1140
1081 TCACCTATGAAGAGATAGTTTCCAGAGCGGGAACCTCTCATGGAGGTAAAGAGGAGT 1140
1141 AAGAGAAATGAAGAGGCGCTTGAGGATGAGAAAGAGAGAGAGCCCTCGAAGATGA 1200
1141 AAGAGAAATGAAGAGGCGCTTGAGGATGAGAAAGAGAGAGAGCCCTCGAAGATGA 1200
1201 CATAGAGAGGAGAGCCCTGCGAGGAGATGTGTTTTTCCCTTAAGTGAATGAAGCAGTGA 1260
1201 CATAGAGAGGAGAGCCCTGCGAGGAGATGTGTTTTTCCCTTAAGTGAATGAAGCAGTGA 1260
1261 ATTGCGCCTGATTCGTGCTCCAAAGGAAAGCGCTAACTTCCAAAGCTGGAACATAAAGATTT 1320
1261 ATTGCGCCTGATTCGTGCTCCAAAGGAAAGCGCTAACTTCCAAAGCTGGAACATAAAGATTT 1320
1321 AAATATCTCGGTTGATGTCAGCTTCAATCATGGAGATCTGTGACTGGAAACAGATAGAGA 1380
1321 AAATATCTCGGTTGATGTCAGCTTCAATCATGGAGATCTGTGACTGGAAACAGATAGAGA 1380
1381 AGATGATTTTGAATCGGATCCCTGCTGATCGAGATTAATGCTATGCTTCTATATGGCAGT 1440
1381 AGATGATTTTGAATCGGATCCCTGCTGATCGAGATTAATGCTATGCTTCTATATGGCAGT 1440
1441 TCGGCGCTTGGCAGGTGCAAGAAAGACATTTGGCCGATTTGAAACTTCTCTTACCTGACCT 1500
1441 TCGGCGCTTGGCAGGTGCAAGAAAGACATTTGGCCGATTTGAAACTTCTCTTACCTGACCT 1500
1501 GCACCCCAAGCACTTCTGCTTCTGCTTCTGCTTCTGCTTCTGCTTCTGCTTCTGCTTCTGCT 1560
1501 GCACCCCAAGCACTTCTGCTTCTGCTTCTGCTTCTGCTTCTGCTTCTGCTTCTGCTTCTGCT 1560
1561 GAACTTCAGATGTTTGTGAAAGCAAGTAACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1620
1561 GAACTTCAGATGTTTGTGAAAGCAAGTAACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1620
1621 TGAGGATGAAAGTGAAGACAGGGAATTCAGTGTGATCAAGGAATCTGATGCTTACCA 1680
1621 TGAGGATGAAAGTGAAGACAGGGAATTCAGTGTGATCAAGGAATCTGATGCTTACCA 1680
1681 AAGCATATTTTGAAGACAGAGCTGCGAAGGCAAAACCGCGGAATTCGAGTGGATGG 1740
1681 AAGCATATTTTGAAGACAGAGCTGCGAAGGCAAAACCGCGGAATTCGAGTGGATGG 1740
1741 CGTCTGCTGTTTTCAGGCTTATGTCAGATAGCCCTTTTATCTGTGGATGATCAATGTT 1800
1741 CGTCTGCTGTTTTCAGGCTTATGTCAGATAGCCCTTTTATCTGTGGATGATCAATGTT 1800
1801 ACTATCTTTATATTCGATTTGATGTCAGTTCCTGCTGTTTTTTTGTATTCATCATAG 1860
1801 ACTATCTTTATATTCGATTTGATGTCAGTTCCTGCTGTTTTTTTGTATTCATCATAG 1860
1861 GACCTCTGGCATTTTGAATTTAGATGCTGAAATTTGATGATGATGATGATGATGATGATGATGAT 1920
1861 GACCTCTGGCATTTTGAATTTAGATGCTGAAATTTGATGATGATGATGATGATGATGATGATGAT 1920
1921 TGTAAAGTCTCTTCTGATATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1980
1921 TGTAAAGTCTCTTCTGATATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1980
1981 ATCTTCTCAGTCATTTCTGATCTTTCCNCAATTAATTAATAATGGAANGTCAGTT 2040
1981 ATCTTCTCAGTCATTTCTGATCTTTCCNCAATTAATTAATAATGGAANGTCAGTT 2040
2041 TATCTCCCTCTCTGATATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 2100
2041 TATCTCCCTCTCTGATATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 2100
2101 CATTTCTAGAAAATAGAAAAG 2160
2101 CATTTCTAGAAAATAGAAAAG 2160
2161 ACTTCTTGAAACTATGACATCAAGATAGACTTTTCCCTTAAGTGGCTTAGCTGGTCTT 2220

Db 2161 ACTTCTTGAAACTATGACATCAAGATAGACTTTTCCCTTAAGTGGCTTAGCTGGTCTT 2220
QY 2221 TCATAGCCAAACTGTTATTTTAACTTCTTGTAAATAATAA 2260
Db 2221 TCATAGCCAAACTGTTATTTTAACTTCTTGTAAATAATAA 2260
RESULT 40
US-10-165-038A-118
; Sequence 118, Application US/10165038A
; Publication No. US20030203441A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC29
; CURRENT APPLICATION NUMBER: US/10/165,038A
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 118
; LENGTH: 2260
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: unsure

LOCATION: 2009, 2026, 2033, 2055, 2074, 2078, 2086
; OTHER INFORMATION: unknown base
US-10-165-038A-118

Query Match 99.7%; Score 2253; DB 13; Length 2260;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY	1	CGACCGCTGGGTGCGAGTGAGCGAGAGACCCGAGCGGCTGAGGAGAGAGCGCGG	60
DB	1	CGACCGCTGGGTGCGAGTGAGCGAGAGACCCGAGCGGCTGAGGAGAGAGCGCGG	60
QY	61	GCTTAGCTGTACGGGTGCGCGCGCGGCTCCCGAGGGGGCTCAGGAGGAGGAGGA	120
DB	61	GCTTAGCTGTACGGGTGCGCGCGCGGCTCCCGAGGGGGCTCAGGAGGAGGAGGA	120
QY	121	GGACCCGCTGCGAATGCTCTGCTGCGCTGAGCGCTTGGCTCCCGCTGCTCTCTGG	180
DB	121	GGACCCGCTGCGAATGCTCTGCTGCGCTGAGCGCTTGGCTCCCGCTGCTCTCTGG	180
QY	181	TGGCAGGTGTTTCGGGAACGGCGCGCAGTGCAGGATCAGCGGTGTAGCATCGGC	240
DB	181	TGGCAGGTGTTTCGGGAACGGCGCGCAGTGCAGGATCAGCGGTGTAGCATCGGC	240
QY	241	GTGAGCTGGGGTCTGTCACTATGGAATTAACCTGGCTGTCTACGGCTGGAGAA	300
DB	241	GTGAGCTGGGGTCTGTCACTATGGAATTAACCTGGCTGTCTACGGCTGGAGAA	300
QY	301	ACAGCAAGGAGTCTGTGAAGTACATGCGAATCTGGATGTAAGTTGGTGAAGTGG	360
DB	301	ACAGCAAGGAGTCTGTGAAGTACATGCGAATCTGGATGTAAGTTGGTGAAGTGG	360
QY	361	GACCAACAATCAGATGCTTCCAGGATACACCGGAAACCTGCACTCAAGATGTA	420
DB	361	GACCAACAATCAGATGCTTCCAGGATACACCGGAAACCTGCACTCAAGATGTA	420
QY	421	ATGAGTGTGAATGAACCCCGGCAATGCCAACACAGATGTGTGAATACACGGAAG	480
DB	421	ATGAGTGTGAATGAACCCCGGCAATGCCAACACAGATGTGTGAATACACGGAAG	480
QY	481	ACAAGTCTTTGCTCAGTGGCCACATGCTCATGCCAGATGCTAGTGTGAACTCTA	540
DB	481	ACAAGTCTTTGCTCAGTGGCCACATGCTCATGCCAGATGCTAGTGTGAACTCTA	540
QY	541	GGACATGTGCCATGATAAATGTGCTAGTACAGTGTGAAGACACAGAAAGGCGCAC	600
DB	541	GGACATGTGCCATGATAAATGTGCTAGTACAGTGTGAAGACACAGAAAGGCGCAC	600
QY	601	CCCTGTGTCCATCCTCAGGACTCGCGCGCGCCCAATGGAAGAGACTGCTAGATTTG	660
DB	601	CCCTGTGTCCATCCTCAGGACTCGCGCGCGCCCAATGGAAGAGACTGCTAGATTTG	660
QY	661	ATGAATGTCCCTGTGTAAGTCACTGTCCCTACATCGAAGATGTGAAACACATTTG	720
DB	661	ATGAATGTCCCTGTGTAAGTCACTGTCCCTACATCGAAGATGTGAAACACATTTG	720
QY	721	GAAGTACTACTGMAATGTCAATGGTTTCGAACTGCAATATATCAGTGGAGATATG	780
DB	721	GAAGTACTACTGMAATGTCAATGGTTTCGAACTGCAATATATCAGTGGAGATATG	780
QY	781	ACTGTATAGATATAATGAATGTAATGATGATAGCCATAGTGCAGCCACCATCCAA	840
DB	781	ACTGTATAGATATAATGAATGTAATGATGATAGCCATAGTGCAGCCACCATCCAA	840
QY	841	GCTTCAATACCAAGGGTCTTCAAGTGTAAATCCAGCAGGGATATAAGAGCAATGG	900
DB	841	GCTTCAATACCAAGGGTCTTCAAGTGTAAATCCAGCAGGGATATAAGAGCAATGG	900
QY	901	TTCCGTTGCTCTACTCCCTGAAATTTCTGTGAAGGAGTCTCAGAGCACCTGGTAC	960
DB	901	TTCCGTTGCTCTACTCCCTGAAATTTCTGTGAAGGAGTCTCAGAGCACCTGGTAC	960
QY	961	TCAAAGACAGATCAAGAAGTTGCTGCTCAAAAAACAGCATGAAAAAGAGCAAAA	1020

DB	961	TCAAAGACAGATCAAGAAGTTGCTGCTCAAAAAACAGCATGAAAAAGAGCAAAA	1020
QY	1021	TTAAAAATGTTACCCAGAACCCACAGGACTCCTACCCCTAAGGTGAATTCGACCCCT	1080
DB	1021	TTAAAAATGTTACCCAGAACCCACAGGACTCCTACCCCTAAGGTGAATTCGACCCCT	1080
QY	1081	TCAACTATGAAGATAGTTTCCAGAGCGGGAACCTCATGAGGTAAAAAGGGAATG	1140
DB	1081	TCAACTATGAAGATAGTTTCCAGAGCGGGAACCTCATGAGGTAAAAAGGGAATG	1140
QY	1141	AAGAAGAAATGAAGAGGGCTTGAGGATGAGAAAGAGAGAGAAAGCCCTGAAGATGA	1200
DB	1141	AAGAAGAAATGAAGAGGGCTTGAGGATGAGAAAGAGAGAGAAAGCCCTGAAGATGA	1200
QY	1201	CATAGAGAGCGAGCCTGCGAGGAGATGTGTTTCCCTAAGGTGAATGAAGCAGGTGA	1260
DB	1201	CATAGAGAGCGAGCCTGCGAGGAGATGTGTTTCCCTAAGGTGAATGAAGCAGGTGA	1260
QY	1261	ATTCCGCTGATTCTGTGCTCAAGAGAAAGCGCTAACCTCCAAACTGGAACATAAAGATTT	1320
DB	1261	ATTCCGCTGATTCTGTGCTCAAGAGAAAGCGCTAACCTCCAAACTGGAACATAAAGATTT	1320
QY	1321	AAATATCTCGTGTGACTGAGCTTCAATCATGAGATCTGTGACTGGAACAGGATAGGA	1380
DB	1321	AAATATCTCGTGTGACTGAGCTTCAATCATGAGATCTGTGACTGGAACAGGATAGGA	1380
QY	1381	AGATGATTTGACTGGAATCCTGCTGATCGAGATAATGCTATTGGCTTCTATATGGCAGT	1440
DB	1381	AGATGATTTGACTGGAATCCTGCTGATCGAGATAATGCTATTGGCTTCTATATGGCAGT	1440
QY	1441	TCGGCTTGGCAGGTCAAGAGAAAGATTTGGCGGATGAACTTCTCTACCTGACCT	1500
DB	1441	TCGGCTTGGCAGGTCAAGAGAAAGATTTGGCGGATGAACTTCTCTACCTGACCT	1500
QY	1501	GCACCCCAAGCAACTTCTGCTTTGATTAACCGGCTGCGCGGAGACAAAGTCGG	1560
DB	1501	GCACCCCAAGCAACTTCTGCTTTGATTAACCGGCTGCGCGGAGACAAAGTCGG	1560
QY	1561	GAACTTCGAGTGTGTGAAAAACAGTAAACATGCCCTGGCATGGGAGAGACACGAG	1620
DB	1561	GAACTTCGAGTGTGTGAAAAACAGTAAACATGCCCTGGCATGGGAGAGACACGAG	1620
QY	1621	TGAGGATGAAGTGAACACAGGGAATAATTCAGTTGTATCAAGGAATGATGCTACCAA	1680
DB	1621	TGAGGATGAAGTGAACACAGGGAATAATTCAGTTGTATCAAGGAATGATGCTACCAA	1680
QY	1681	AAGCATCAATTTTGAAGCAGAACGTTGGGCAAGGCAAAACCGGCGAAATCGCAGTGGATGG	1740
DB	1681	AAGCATCAATTTTGAAGCAGAACGTTGGGCAAGGCGCAAAACCGGCGAAATCGCAGTGGATGG	1740
QY	1741	CGTCTGCTTGTTCAGGCTTATGTCAGATAGCCTTTTATCTGTGGATGACTGAATGTT	1800
DB	1741	CGTCTGCTTGTTCAGGCTTATGTCAGATAGCCTTTTATCTGTGGATGACTGAATGTT	1800
QY	1801	ACTATCTTTATATTTGATGATGCTAGTTCCCTGGTTTTTTTGTGATATGTCATCATAG	1860
DB	1801	ACTATCTTTATATTTGATGATGCTAGTTCCCTGGTTTTTTTGTGATATGTCATCATAG	1860
QY	1861	GACCTCTGGCATTTTGAATTAATGCTGAAAAATGTAATGTACCAACAGAAAAATTTAT	1920
DB	1861	GACCTCTGGCATTTTGAATTAATGCTGAAAAATGTAATGTACCAACAGAAAAATTTAT	1920
QY	1921	TGTAAGATGCTTTCTTGTAAGATATGCCAATATTCCTTTTAAATATCATATCACTGT	1980
DB	1921	TGTAAGATGCTTTCTTGTAAGATATGCCAATATTCCTTTTAAATATCATATCACTGT	1980
QY	1981	ATCTTCTCAGTCATTCTGAACTCTTCCCATATATTAATAATGGAANGTCAGTT	2040
DB	1981	ATCTTCTCAGTCATTCTGAACTCTTCCCATATATTAATAATGGAANGTCAGTT	2040
QY	2041	TATCTCCCTCCTCNGTATATCTGATTTGTATANGTANGTGTGCTCTCTACAA	2100

Db	2041	TATCTCCCTCCTCNGNATATCTGATTTGTATANGTANGTTGATGNGCTTCTCTCTACAA	2100
Qy	2101	CAATTTCTAGAAAAATAGAAAAAAGCAAGAGAAATGTTTAACTGCTTTGACTCTTTATGAT	2160
Db	2101	CAATTTCTAGAAAAATAGAAAAAAGCAAGAGAAATGTTTAACTGCTTTGACTCTTTATGAT	2160
Qy	2161	ACTTTCTGGAAACTATGACATCAAGAATAGACTTTTGGCTTAAGTGGCTTAGCTGGGTCCTT	2220
Db	2161	ACTTTCTGGAAACTATGACATCAAGAATAGACTTTTGGCTTAAGTGGCTTAGCTGGGTCCTT	2220
Qy	2221	TCATAGCCAACTCTGTATATTAAATTTCTTTGTAAATAATAA	2260
Db	2221	TCATAGCCAACTCTGTATATTAAATTTCTTTGTAAATAATAA	2260

RESULT 41

US-10-165-353A-118
; Sequence 118, Application US/10165353A
; Publication No. US20030203442A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C40
; CURRENT APPLICATION NUMBER: US/10/165,353A
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.

841 GCCTCAATACCAAGGCTCTCAAGTGTAATGCAAGCAGGAGATATAAAGCAATGAC 900
901 TTGGGCTGTTGCTATCCCTGAAATCTGTGAAGAGTCTCTCAGAGCACTGTGTACCA 960
901 TTGGGCTGTTGCTATCCCTGAAATCTGTGAAGAGTCTCTCAGAGCACTGTGTACCA 960
961 TCAAGACAGAAATCAAGAAATGCTGCTCAAAAAACAGCATGAAAAAGAGGCAAAAA 1020
961 TCAAGACAGAAATCAAGAAATGCTGCTCAAAAAACAGCATGAAAAAGAGGCAAAAA 1020
1021 TTAATAATGTTACCCAGACCAACAGGACTCTACCCCTCAAGTGTAATGCAAGCAGGCT 1080
1021 TTAATAATGTTACCCAGACCAACAGGACTCTACCCCTCAAGTGTAATGCAAGCAGGCT 1080
1081 TCAACTATGAAGAGATAGTTTTCAGAGGCGGAACTCTCATGAGAGTAAAAAGGAAATG 1140
1081 TCAACTATGAAGAGATAGTTTTCAGAGGCGGAACTCTCATGAGAGTAAAAAGGAAATG 1140
1141 AAGAGAAATGAAGAGGCTTGAGGATGAGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1200
1141 AAGAGAAATGAAGAGGCTTGAGGATGAGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1200
1201 CATAGAGAGCGAAGCTCGAGAGAGATGTTTTCCTTAAGTGTAATGCAAGCAGGCTGA 1260
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1261 ATTGGGCTGATCTGCTCAAGAGAGCGCTAACTTCCAACTCGACATAGAGATTT 1320
1261 ATTGGGCTGATCTGCTCAAGAGAGCGCTAACTTCCAACTCGACATAGAGATTT 1320
1321 AAATATCTCGCTGACATGACATCAATCATGGGATCTGACTGGAAGAGAGATAGAGA 1380
1321 AAATATCTCGCTGACATGACATCAATCATGGGATCTGACTGGAAGAGAGATAGAGA 1380
1381 AGATGATTTGACTGGAATCTGCTGATCGAGATAGTCTATGCTTCTATATGCACT 1440
1381 AGATGATTTGACTGGAATCTGCTGATCGAGATAGTCTATGCTTCTATATGCACT 1440
1441 TCCGCTCTGGCAGTCAAGAGAGAGATGCGGAGTTCGAATCTCTTCTACTGACCT 1500
1441 TCCGCTCTGGCAGTCAAGAGAGAGATGCGGAGTTCGAATCTCTTCTACTGACCT 1500
1501 GCAACCCCAAGCAACTCTCTGCTCTTTGATTAACCGCTGCGGAGAGAGAGAGAGAG 1560
1501 GCAACCCCAAGCAACTCTCTGCTCTTTGATTAACCGCTGCGGAGAGAGAGAGAGAG 1560
1561 GAACTTCGAGTGTGTTGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1620
1561 GAACTTCGAGTGTGTTGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1620
1621 TGAGGATGAAAG 1680
1621 TGAGGATGAAAG 1680
1681 AAGCATCTTTTGAAG 1740
1681 AAGCATCTTTTGAAG 1740
1741 CGTCTGCTGCTTTCAGGCTTATGTCAGATAGAGCTTTTATCTGTGATGACTGAATGT 1800
1741 CGTCTGCTGCTTTCAGGCTTATGTCAGATAGAGCTTTTATCTGTGATGACTGAATGT 1800
1801 ACTATCTTATATTTGACTTTGATGTCAGTTCCTGCTGCTTTTGTATTTGATTCATAG 1860
1801 ACTATCTTATATTTGACTTTGATGTCAGTTCCTGCTGCTTTTGTATTTGATTCATAG 1860
1861 GACCTCTGCAATTTAGAAATTAAGTCAAGTGAAGAGAGAGAGAGAGAGAGAGAGAGAG 1920
1861 GACCTCTGCAATTTAGAAATTAAGTCAAGTGAAGAGAGAGAGAGAGAGAGAGAGAGAG 1920
1921 TGTAAGATCCCTTCTGATTAAGATAGCAATTTGCTTTAAATATCATATCACTGT 1980
1921 TGTAAGATCCCTTCTGATTAAGATAGCAATTTGCTTTAAATATCATATCACTGT 1980

1981 ATCTTCTCAGTCAATTTCTGAATCTTTCCNCAATATATATATAAATNTGGAAGTCACTT 2040
1981 ATCTTCTCAGTCAATTTCTGAATCTTTCCNCAATATATATATAAATNTGGAAGTCACTT 2040
2041 TATCTCCCT 2100
2041 TATCTCCCT 2100
2101 CATTTCTAGAAAATGAAAAAAGCAGACAGAGAAATGTTTAACTGTTTGACTCTTATGAT 2160
2101 CATTTCTAGAAAATGAAAAAAGCAGACAGAGAAATGTTTAACTGTTTGACTCTTATGAT 2160
2161 ACTTCTTGAAACTATGACATCAAGAGATAGCTTTTGGCTTAAGTGGCTAGCTGGTCTT 2220
2161 ACTTCTTGAAACTATGACATCAAGAGATAGCTTTTGGCTTAAGTGGCTAGCTGGTCTT 2220
2221 TCATAGCCAACTTGATATTTTAAATCTTTTGTAAATAATA 2260
2221 TCATAGCCAACTTGATATTTTAAATCTTTTGTAAATAATA 2260

RESULT 42
US-10-167-600-118
; Sequence 118, Application US/10167600
; Publication No. US20030203443A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas P.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Sheiton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C35
; CURRENT APPLICATION NUMBER: US/10/167,600
; CURRENT FILING DATE: 2002-12-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11


```

, PRIOR APPLICATION NUMBER: 60/077641
, PRIOR FILING DATE: 1998-03-11
, PRIOR APPLICATION NUMBER: 60/077649
, PRIOR FILING DATE: 1998-03-11
, PRIOR APPLICATION NUMBER: 60/077791
, PRIOR FILING DATE: 1998-03-12
, Remaining Prior Application data re
, NUMBER OF SEQ ID NOS: 624
,

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; SEQUENCE: 118
; LENGTH: 260
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: unsure
; LOCATION: 209, 2026, 2033, 2055, 2074, 2086
; OTHER INFORMATION: unknown base
US-10-167-600-118

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Query Match	99.7%	Score 2253	DB 13	Length 2260
Best Local Similarity	100.0%	Pred. No. 0		
Matches 2260	Conservative 0	Mismatches 0	Indels 0	Gaps 0

Qy	1	CGGACGCGTGGGTGCGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGAGAGGAGCGCGG	60
Db	1	CGGACGCGTGGGTGCGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGAGAGGAGCGCGG	60
Qy	61	GCTTAGCTGCTACCGGGTCCGGCCGGCGCCCTCCGAGGGGGCTCAGCAGCAGGAAGA	120
Db	61	GCTTAGCTGCTACCGGGTCCGGCCGGCGCCCTCCGAGGGGGCTCAGGAGGAGGAAGA	120
Qy	121	GGACCGGTGCGAAGATGCGCTTGCGCTTGAGACCTTGCGCTCCCGCTGCTGCTCTCTCGG	180
Db	121	GGACCGGTGCGAAGATGCGCTTGCGCTTGAGACCTTGCGCTCCCGCTGCTGCTCTCTCGG	180
Qy	181	TGSCAGGTGGTTTCGGGAACCGGCGCAGTCAAGGCATCACGGTGTGTAGCATCGGCAC	240
Db	181	TGSCAGGTGGTTTCGGGAACCGGCGCAGTCAAGGCATCACGGTGTGTAGCATCGGCAC	240
Qy	241	GTGAGCTGGGTCTGTCTATGGAATAAACTGGGCTGCTGCTACGGTGGAGAGAA	300
Db	241	GTGAGCTGGGTCTGTCTATGGAATAAACTGGGCTGCTGCTACGGTGGAGAGAA	300
Qy	301	ACAGCAAGGGAGTCTGTGAAGCTACATCGGAACCTGGATGTAACTTTGGTGGTGGCGTGG	360
Db	301	ACAGCAAGGGAGTCTGTGAAGCTACATCGGAACCTGGATGTAACTTTGGTGGTGGCGTGG	360
Qy	361	GACCAACAAATGCAAGTGTTCAGGATACACGGGAAAACTGCACTCAAGATGTGA	420
Db	361	GACCAACAAATGCAAGTGTTCAGGATACACGGGAAAACTGCACTCAAGATGTGA	420
Qy	421	ATCAGTGTGGAATGAACCCCGGCCATGCCAACACAGATGTGTGAATACACACGGAGCT	480
Db	421	ATCAGTGTGGAATGAACCCCGGCCATGCCAACACAGATGTGTGAATACACACGGAGCT	480
Qy	481	ACAAGTGTGTTTGCCTCAGTGCCACATGCTCATGCCAGATGCTAGCTGTGTAATCTTA	540
Db	481	ACAAGTGTGTTTGCCTCAGTGCCACATGCTCATGCCAGATGCTAGCTGTGTAATCTTA	540
Qy	541	GGACATGCCATGATAAACTGTCACTACAGTGTGAAGACACAGAGAAGGGCCACAGT	600
Db	541	GGACATGCCATGATAAACTGTCACTACAGTGTGAAGACACAGAGAAGGGCCACAGT	600
Qy	601	GCCTGTGTCCATCTCAGGACTCCGCCCTGGCCCCAAATGGAAGAGACTGTCTAGATATTG	660
Db	601	GCCTGTGTCCATCTCAGGACTCCGCCCTGGCCCCAAATGGAAGAGACTGTCTAGATATTG	660
Qy	661	ATGAATGCGCTCTGTAAGTCATCTGTCCCTACATCGAAGATGTGCAACACATTTG	720
Db	661	ATGAATGCGCTCTGTAAGTCATCTGTCCCTACATCGAAGATGTGCAACACATTTG	720
Qy	721	GAAGCTACTACTGCAAAATGTCAATGGTTTGGAACTGCAATATATCAGTGGACGATATG	780
Db	721	GAAGCTACTACTGCAAAATGTCAATGGTTTGGAACTGCAATATATCAGTGGACGATATG	780

QY	781	ACTGTAAGATATAAATGAATGTATCTATGGATPAGCCATACGTCAGAGCACCATTGCCAAATT	840
Db	781	ACTGTAAGATATAAATGAATGTATCTATGGATPAGCCATACGTCAGAGCACCATTGCCAAATT	840
QY	841	GCTTCAATACCCCAAGGGTCCTTCAAGTGTAATCAAGCAGGGATATATAAGGCATCGAC	900
Db	841	GCTTCAATACCCCAAGGGTCCTTCAAGTGTAATCAAGCAGGGATATATAAGGCATCGAC	900
QY	901	TTCGGTGTCTGCTATCCCTGAAAAATTTCTGAGAGGAAGTCTCTAGAGCACCTGTGTACCA	960
Db	901	TTCGGTGTCTGCTATCCCTGAAAAATTTCTGAGAGGAAGTCTCTAGAGCACCTGTGTACCA	960
QY	961	TCAAAGACAGAATCAAGAAAGTTGCTTGTCTCAAAAAACAGCATGAAAAAGAACGCAAAA	1020
Db	961	TCAAAGACAGAATCAAGAAAGTTGCTTGTCTCAAAAAACAGCATGAAAAAGAACGCAAAA	1020
QY	1021	TTAAAAATGTTTACCCGAAACCCAACAGAGCTCTTACCCCTTAAGGTGAACTTTCAGAGCCCT	1080
Db	1021	TTAAAAATGTTTACCCGAAACCCAACAGAGCTCTTACCCCTTAAGGTGAACTTTCAGAGCCCT	1080
QY	1081	TCAACTATGAAGAGATAGTTTTCCAGAGGCGGAACTCTCATGGAGGTAAAAAGGGAATG	1140
Db	1081	TCAACTATGAAGAGATAGTTTTCCAGAGGCGGAACTCTCATGGAGGTAAAAAGGGAATG	1140
QY	1141	AAGAGAAATGAAGAGGGGCTTGAGATGAGAAAAAGAGAAAGAGAGCCCTGPAAGATGA	1200
Db	1141	AAGAGAAATGAAGAGGGGCTTGAGATGAGAAAAAGAGAAAGAGAGCCCTGPAAGATGA	1200
QY	1201	CATGAGGAGCGAAGCTCGAGAGAGATGTGTTTTTCCCTTAAGGTGAAATGAAGCAGGTGA	1260
Db	1201	CATGAGGAGCGAAGCTCGAGAGAGATGTGTTTTTCCCTTAAGGTGAAATGAAGCAGGTGA	1260
QY	1261	ATTGGGCTGATTTCTGGTCCAAAGGAAGCGCTACTTCCAACTGGAACTAAAGATTT	1320
Db	1261	ATTGGGCTGATTTCTGGTCCAAAGGAAGCGCTACTTCCAACTGGAACTAAAGATTT	1320
QY	1321	AAATATCTCGGTTGCATCTGCAGCTTCAATCATGGGATCTGTGACTCGGAAACAGGATAGAGA	1380
Db	1321	AAATATCTCGGTTGCATCTGCAGCTTCAATCATGGGATCTGTGACTCGGAAACAGGATAGAGA	1380
QY	1381	AGATGATTTTGACTGGAATCCTGCTGATCGAGNTAATGCTATTGGCTTCTATATGGCAGT	1440
Db	1381	AGATGATTTTGACTGGAATCCTGCTGATCGAGNTAATGCTATTGGCTTCTATATGGCAGT	1440
QY	1441	TCGGGCTTTGGCAGGTCAACAAGAAAGACATTGGCCGATTGAAACTTCTCCTACCTGAACCT	1500
Db	1441	TCGGGCTTTGGCAGGTCAACAAGAAAGACATTGGCCGATTGAAACTTCTCCTACCTGAACCT	1500
QY	1501	GCAACCCCAAGCAACTCTGTTTGCTCTTGATTAACCGCTGGCCGGAGACAAGTCCG	1560
Db	1501	GCAACCCCAAGCAACTCTGTTTGCTCTTGATTAACCGCTGGCCGGAGACAAGTCCG	1560
QY	1561	GAAACTTCGAGTGTTTGTGAAAAACAGTAACTATGCCCTGGCATGGGAGAGACACACGAG	1620
Db	1561	GAAACTTCGAGTGTTTGTGAAAAACAGTAACTATGCCCTGGCATGGGAGAGACACACGAG	1620
QY	1621	TCAGAGATGAAAGTGAAGACGGGABAAATTCATGTTGATCAAGGAATCGATGCTTACCAC	1680
Db	1621	TCAGAGATGAAAGTGAAGACGGGABAAATTCATGTTGATCAAGGAATCGATGCTTACCAC	1680
QY	1681	AAGCATCATTTTTTGAGCAGACGTCGCAAGGGCAAAAACCGSCGAAATCGCAGTGGATGG	1740
Db	1681	AAGCATCATTTTTTGAGCAGACGTCGCAAGGGCAAAAACCGSCGAAATCGCAGTGGATGG	1740
QY	1741	CGCTCTGCTGTTTTCAGGCTTATGTCAGATAGCCTTTTATCTGTGGATGACTGAATGTT	1800
Db	1741	CGCTCTGCTGTTTTCAGGCTTATGTCAGATAGCCTTTTATCTGTGGATGACTGAATGTT	1800
QY	1801	ACTATCTTTATATTGACTTTGATATGTCAGTTCCCTGGTTTTTTTGATATGCAATCATAG	1860
Db	1801	ACTATCTTTATATTGACTTTGATATGTCAGTTCCCTGGTTTTTTTGATATGCAATCATAG	1860

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QY 1861 GACCTCTGGCATTTTGAATTAAGTCTGAAATAATTTGTAATGTACCAACAGAAATATTAT 1920
Db 1861 GACCTCTGGCATTTTGAATTAAGTCTGAAATAATTTGTAATGTACCAACAGAAATATTAT 1920
QY 1921 TGTAAAGATGCTTCTTGTGTAAGATATGCAATATTTTCTTTAAATATCATATCACTGT 1980
Db 1921 TGTAAAGATGCTTCTTGTGTAAGATATGCAATATTTTCTTTAAATATCATATCACTGT 1980
QY 1981 ATCTTCTCAGTCATTTCTGAAATCTTTCCNCAATATATATAAATTTGAAANGTCAGTT 2040
Db 1981 ATCTTCTCAGTCATTTCTGAAATCTTTCCNCAATATATATAAATTTGAAANGTCAGTT 2040
QY 2041 TATCTCCCTCCCTCNGTATATCTGATTTGTATANGTANGTATGCTGCTCTCTCTCAAA 2100
Db 2041 TATCTCCCTCCCTCNGTATATCTGATTTGTATANGTANGTATGCTGCTCTCTCTCAAA 2100
QY 2101 CATTTCTAGAAAATAGAAAAAAGACACAGAGAAATGTTTAACTGTTTGACTTTATGAT 2160
Db 2101 CATTTCTAGAAAATAGAAAAAAGACACAGAGAAATGTTTAACTGTTTGACTTTATGAT 2160
QY 2161 ACTTCTTGGAACTATGACATCAAGATAGACTTTTGCCTTAAGTGGCTTAGCTGGTCTT 2220
Db 2161 ACTTCTTGGAACTATGACATCAAGATAGACTTTTGCCTTAAGTGGCTTAGCTGGTCTT 2220
QY 2221 TCATAGCCAAACTTGTATATTTAACTTTTGTATAATAAA 2260
Db 2221 TCATAGCCAAACTTGTATATTTAACTTTTGTATAATAAA 2260

RESULT 43
US-10-170-481A-118
; Sequence 118, Application US/10170481A
; Publication No. US20030203444A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C53
; CURRENT APPLICATION NUMBER: US/10/170,481A
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
```

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; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 118
; LENGTH: 2260
; TYPE: DNA
; ORGANISM: Homo sapiens
; NAME/KEY: unsure
; LOCATION: 2009, 2026, 2033, 2055, 2074, 2078, 2086
; OTHER INFORMATION: unknown base
US-10-170-481A-118

Query Match 99.7%; Score 2253; DB 13; Length 2260;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACCGCTGGGTGCGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGAGAGAGCGCGCG 60
Db 1 CGGACCGCTGGGTGCGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGAGAGAGCGCGCG 60
QY 61 GCTTAGCTGCTACGGGTCCTCCGCGCGGCTCCCGAGGGGGGCTCAGGAGGAGGAGGA 120
Db 61 GCTTAGCTGCTACGGGTCCTCCGCGCGGCTCCCGAGGGGGGCTCAGGAGGAGGAGGA 120
QY 121 GGACCCGCTGGAGAAATGCTCTGCTCGCTGGAGCTTTCGCTCCGCTGCTCTCTCTGG 180
Db 121 GGACCCGCTGGAGAAATGCTCTGCTCGCTGGAGCTTTCGCTCCGCTGCTCTCTCTGG 180
QY 181 TGGCAGGTGTTTCGGGAAACGGCGCCAGTGAAGCATCAGGGTTGTAGCATCGGCAC 240
Db 181 TGGCAGGTGTTTCGGGAAACGGCGCCAGTGAAGCATCAGGGTTGTAGCATCGGCAC 240
QY 241 GTCAGCTCGGGTCTCTACTATGAACTAAACTGGCTGCTGCTACGGCTGAGAGAA 300
Db 241 GTCAGCTCGGGTCTCTACTATGAACTAAACTGGCTGCTGCTACGGCTGAGAGAA 300
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Db 301 ACAGCAGGGAGTCTGTGAAGTACATGCGAACCTGGATGTAAGTTTGGTGAAGTGG 360
QY 361 GACCAACAAATGCAGATGCTTTCCAGGATACACCGGGAAACCTGCGAGTCAAGATGTA 420
Db 361 GACCAACAAATGCAGATGCTTTCCAGGATACACCGGGAAACCTGCGAGTCAAGATGTA 420
QY 421 ATGAGTGTGGAATGAAACCCCGCCATGCCAACACAGATGTGTGAATACACACGAGCT 480
Db 421 ATGAGTGTGGAATGAAACCCCGCCATGCCAACACAGATGTGTGAATACACACGAGCT 480
QY 481 ACAAGTCTTTTGGCTCAGTGGCCCATGCTCATGCGCAGATCTAGTGTGTGAACTCTA 540
Db 481 ACAAGTCTTTTGGCTCAGTGGCCCATGCTCATGCGCAGATCTAGTGTGTGAACTCTA 540
QY 541 GGACATGTGCCATGATAAATGTCACTAGCTGTGAGACACACAGAGAGAGGCGCACAGT 600
Db 541 GGACATGTGCCATGATAAATGTCACTAGCTGTGAGACACACAGAGAGAGGCGCACAGT 600
QY 601 GCCTGTGTCCATCTCTCAGGACTCCGCTGGCCCAAAATGGAAGAGAGACTCTCTAGATATTG 660
Db 601 GCCTGTGTCCATCTCTCAGGACTCCGCTGGCCCAAAATGGAAGAGAGACTCTCTAGATATTG 660
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661 ATGAATGTGCTCTGTTAAAGTCACTGTCCTCAATCGAAGATGTGTGAACATTTG 720
Db
661 ATGAATGTGCTCTGTTAAAGTCACTGTCCTCAATCGAAGATGTGTGAACATTTG 720
Qy
721 GAAGCTACTGCAATGTCAATGTGTTTGAAGTCAATATATATATATATATATATAT 780
Db
721 GAAGCTACTGCAATGTCAATGTGTTTGAAGTCAATATATATATATATATATATAT 780
Qy
781 ACTGTATAGATATAAATGAATGTACTATATGATAGCCATACGTGAGCCACCATGCCAATT 840
Db
781 ACTGTATAGATATAAATGAATGTACTATATGATAGCCATACGTGAGCCACCATGCCAATT 840
Qy
841 GCTTCAATACCAAGGCTCTTCAAGTGTAAATGAAGCAGGATATATATATATATATAT 900
Db
841 GCTTCAATACCAAGGCTCTTCAAGTGTAAATGAAGCAGGATATATATATATATATAT 900
Qy
901 TTCGGTGTCTGCTATCCCTGAAATTTCTGTGAAGGAGTCTCTCAGAGCCTGTGTACCA 960
Db
901 TTCGGTGTCTGCTATCCCTGAAATTTCTGTGAAGGAGTCTCTCAGAGCCTGTGTACCA 960
Qy
961 TCAAGACAGATCAAGAAATGTTCTGTCTCAAAAACAGCATGAAAAGAGGCAAAA 1020
Db
961 TCAAGACAGATCAAGAAATGTTCTGTCTCAAAAACAGCATGAAAAGAGGCAAAA 1020
Qy
1021 TTAABAATGTTACCCAGACACCAAGGCTCTTCAAGTGTAAATGAAGCAGGATATATAT 1080
Db
1021 TTAABAATGTTACCCAGACACCAAGGCTCTTCAAGTGTAAATGAAGCAGGATATATAT 1080
Qy
1081 TCAACTATGAAGAGATAGTTTTCAGAGGCGGAACTCTCATGAGGTAAAAAGGAAATG 1140
Db
1081 TCAACTATGAAGAGATAGTTTTCAGAGGCGGAACTCTCATGAGGTAAAAAGGAAATG 1140
Qy
1141 AAGAGAAATGAAGAGGCTTTCAGATGAGAAAGAGAGAGAGGAGGAGGCTTTCAGATGA 1200
Db
1141 AAGAGAAATGAAGAGGCTTTCAGATGAGAAAGAGAGAGAGGAGGAGGCTTTCAGATGA 1200
Qy
1201 CATAGAGGAGGAGGCTTTCAGAGGAGATGTTTTCCTTAAGGTGAATGAAGCAGGTGA 1260
Db
1201 CATAGAGGAGGAGGCTTTCAGAGGAGATGTTTTCCTTAAGGTGAATGAAGCAGGTGA 1260
Qy
1261 ATTCCGCTGATTCGTTGCTCAAGGAAAGGCTTCAACTTCAAACTGGAACATAAGATTT 1320
Db
1261 ATTCCGCTGATTCGTTGCTCAAGGAAAGGCTTCAACTTCAAACTGGAACATAAGATTT 1320
Qy
1321 AAATATCTCGTTGACTGACGCTTCAATCATGGATCTGTGACTGGAACAGGATAGAGA 1380
Db
1321 AAATATCTCGTTGACTGACGCTTCAATCATGGATCTGTGACTGGAACAGGATAGAGA 1380
Qy
1381 AGATGATTTTGAATGGAATCTCTGATTCGATGAGATAATGCTATATGGCTTCTATATGGCAGT 1440
Db
1381 AGATGATTTTGAATGGAATCTCTGATTCGATGAGATAATGCTATATGGCTTCTATATGGCAGT 1440
Qy
1441 TCCGGCTTTCGAGGTCACAGGAAAGACATTTGGCGGATTTGAACTTCTCTACCTGACCT 1500
Db
1441 TCCGGCTTTCGAGGTCACAGGAAAGACATTTGGCGGATTTGAACTTCTCTACCTGACCT 1500
Qy
1501 GCAACCCCAAGCAACTTCTGTTGCTTCTTGTATACCGGCTGGCGGAGACAAAGTCGG 1560
Db
1501 GCAACCCCAAGCAACTTCTGTTGCTTCTTGTATACCGGCTGGCGGAGACAAAGTCGG 1560
Qy
1561 GAACTTTCGAGTGTGTTGAAACAGTACATGCTTCCCTGCGATGCGGAGAGACACCGAG 1620
Db
1561 GAACTTTCGAGTGTGTTGAAACAGTACATGCTTCCCTGCGATGCGGAGAGACACCGAG 1620
Qy
1621 TGAGGATGAAAGTGAAGACAGGAAAAATTCAGTTGTATCAAGGAACCTGATGCTTACCAA 1680
Db
1621 TGAGGATGAAAGTGAAGACAGGAAAAATTCAGTTGTATCAAGGAACCTGATGCTTACCAA 1680
Qy
1681 AAGCATCATTTTGAAGCAGAGAGTGGCAGGAGGCAAAACCGGGAATTCGATGATGG 1740
Db
1681 AAGCATCATTTTGAAGCAGAGAGTGGCAGGAGGCAAAACCGGGAATTCGATGATGG 1740
Qy
1741 CGTCTGCTTGTGTTTTCAGGCTTATGTCAGATAGCCTTTTATCTGTGATGACTGAATGTT 1800

1741 CGTCTGCTTGTGTTTTCAGGCTTATGTCAGATAGCCTTTTATCTGTGATGACTGAATGTT 1800
Qy
1801 ACTATCTTTATATTTGACTTTGTATGTCAGTTCCCTGCTGTTTGTATTTTGTATTTGAT 1860
Db
1801 ACTATCTTTATATTTGACTTTGTATGTCAGTTCCCTGCTGTTTGTATTTTGTATTTGAT 1860
Qy
1861 GACCTCTGGCATTTTGAATTTAGTCTGAAATTTGTATGTAACCAAGCAAAATATTTAT 1920
Db
1861 GACCTCTGGCATTTTGAATTTAGTCTGAAATTTGTATGTAACCAAGCAAAATATTTAT 1920
Qy
1921 TGTAGATGCTTCTTCTGTATAGATATGCAATATTTGCTTTAAATATCATATCACTGT 1980
Db
1921 TGTAGATGCTTCTTCTGTATAGATATGCAATATTTGCTTTAAATATCATATCACTGT 1980
Qy
1981 ATCTTCTCAGTCATTTCTGAAATTTCCNCAATTTATATATAAATNTGGAANGTCAGTT 2040
Db
1981 ATCTTCTCAGTCATTTCTGAAATTTCCNCAATTTATATATAAATNTGGAANGTCAGTT 2040
Qy
2041 TATCTCCCTCCCTCNGTATATCTGATTTGTATANGTANGTGTGCTTCTCTCAAA 2100
Db
2041 TATCTCCCTCCCTCNGTATATCTGATTTGTATANGTANGTGTGCTTCTCTCAAA 2100
Qy
2101 CATTTCTAGAAAATAGAAAAAAGCAGAGAAATGTTTAACTGTTTGACTCTTATGAT 2160
Db
2101 CATTTCTAGAAAATAGAAAAAAGCAGAGAAATGTTTAACTGTTTGACTCTTATGAT 2160
Qy
2161 ACTTCTTGAACATATGATCAACAGATAGACTTTTGCCTAAGTGGCTTAGCTGGGCTTT 2220
Db
2161 ACTTCTTGAACATATGATCAACAGATAGACTTTTGCCTAAGTGGCTTAGCTGGGCTTT 2220
Qy
2221 TCATAGCCAAACTCTGTATTTTAAATTTCTTTGTAATAATAA 2260
Db
2221 TCATAGCCAAACTCTGTATTTTAAATTTCTTTGTAATAATAA 2260

RESULT 44

US-10-172-039A-118

Sequence 118, Application US/10172039A

Publication No. US20030203445A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi

APPLICANT: Baker Kevin P.

APPLICANT: Botstein, David

APPLICANT: Desnoyers, Luc

APPLICANT: Eaton, Dan

APPLICANT: Ferrara, Napoleon

APPLICANT: Filvaroff, Ellen

APPLICANT: Fong, Sherman

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerber, Hanspeter

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Grimaldi, J. Christopher

APPLICANT: Gurney, Austin L.

APPLICANT: Hillan, Kenneth J.

APPLICANT: Kijavini, Ivar J.

APPLICANT: Kuo, Sophia S.

APPLICANT: Napier, Mary A.

APPLICANT: Pan, James

APPLICANT: Paoni, Nicholas F.

APPLICANT: Roy, Margaret Ann

APPLICANT: Shelton, David L.

APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel

APPLICANT: Williams, P. Mickey

APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

TITLE OF INVENTION: Acids Encoding the Same

FILE REFERENCE: E2630PIC30

CURRENT APPLICATION NUMBER: US/10/172,039A

CURRENT FILING DATE: 2002-10-10

;; PRIOR APPLICATION NUMBER: 09/918585
;; PRIOR FILING DATE: 2001-07-30
;; PRIOR APPLICATION NUMBER: 60/062250
;; PRIOR FILING DATE: 1997-10-17
;; PRIOR APPLICATION NUMBER: 60/064249
;; PRIOR FILING DATE: 1997-11-03
;; PRIOR APPLICATION NUMBER: 60/065311
;; PRIOR FILING DATE: 1997-11-13
;; PRIOR APPLICATION NUMBER: 60/066364
;; PRIOR FILING DATE: 1997-11-21
;; PRIOR APPLICATION NUMBER: 60/077450
;; PRIOR FILING DATE: 1998-03-10
;; PRIOR APPLICATION NUMBER: 60/077632
;; PRIOR FILING DATE: 1998-03-11
;; PRIOR APPLICATION NUMBER: 60/077641
;; PRIOR FILING DATE: 1998-03-11
;; PRIOR APPLICATION NUMBER: 60/077649
;; PRIOR FILING DATE: 1998-03-11
;; PRIOR APPLICATION NUMBER: 60/077791
;; PRIOR FILING DATE: 1998-03-12
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 624
;; SEQ ID NO 118
;; LENGTH: 2260
;; TYPE: DNA
;; ORGANISM: Homo sapiens
;; FEATURE:
;; NAME/KEY: unsure
;; LOCATION: 2009, 2026, 2033, 2055, 2074, 2078, 2085
;; OTHER INFORMATION: unknown base
US-10-172-039A-118

Query Match 99.7%; Score 2253; DB 13; Length 2260;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGZACGCTGGTGGAGTGGAGCGGAGGAGCCGAGCGGCTGAGGAGAGGAGGCGGCG 60
DB 1 CGZACGCTGGTGGAGTGGAGCGGAGGAGCCGAGCGGCTGAGGAGAGGAGGCGGCG 60
QY 61 GCTTAGCTGCTACGGGGTCCGGCGCGGCGCTCCCGAGGGGGCTCAGGAGGAGGAGGA 120
DB 61 GCTTAGCTGCTACGGGGTCCGGCGCGGCGCTCCCGAGGGGGCTCAGGAGGAGGAGGA 120
QY 121 GGACCCGCTGGAGAAATGCTCTGCGCTGGAGAGCTTGGCTCCCGCTGCTCTCTCTGGG 180
DB 121 GGACCCGCTGGAGAAATGCTCTGCGCTGGAGAGCTTGGCTCCCGCTGCTCTCTCTGGG 180
QY 181 TGGCAGGTGTTTGGGAAACCGGCCAGTCAAGGCTACAGGGTGTGTTAGCATCGGCAC 240
DB 181 TGGCAGGTGTTTGGGAAACCGGCCAGTCAAGGCTACAGGGTGTGTTAGCATCGGCAC 240
QY 241 GTACGCTGGGGTCTGTCACTATGGAATCACTGGAATCACTGAGCTGCTGCTGAGGAGAA 300
DB 241 GTACGCTGGGGTCTGTCACTATGGAATCACTGGAATCACTGAGCTGCTGCTGAGGAGAA 300
QY 301 ACAGCAAGGAGTCTGTAAGCTACATCGAATCACTGGAATCACTGAGTGTGAGTGGTGG 360
DB 301 ACAGCAAGGAGTCTGTAAGCTACATCGAATCACTGGAATCACTGAGTGTGAGTGGTGG 360
QY 361 GACCAACAAATGCAAGTCTTTCCAGGATACACCGGGAAACCTGCAATCAAGATGTGA 420
DB 361 GACCAACAAATGCAAGTCTTTCCAGGATACACCGGGAAACCTGCAATCAAGATGTGA 420
QY 421 ATGAGTGTGAATGAACCCGGCCATGCCACAGATGTGTAATACACAGGAGCT 480
DB 421 ATGAGTGTGAATGAACCCGGCCATGCCACAGATGTGTAATACACAGGAGCT 480
QY 481 ACAAGTCTTTTGGCTCAGTGGCCACATGCTCATGCCAGATGCTGAGTGTGAGTCTTA 540
DB 481 ACAAGTCTTTTGGCTCAGTGGCCACATGCTCATGCCAGATGCTGAGTGTGAGTCTTA 540
QY 541 GGACATGTGCCATGATTAACCTGTAGTACAGCTGTGAGACACAGAGAGGGGCCACAGT 600

DB 541 GGACATGTGCCATGATTAACCTGTAGTACAGCTGTGAGACACAGAGAGGGGCCACAGT 600
QY 601 GCCTGTGTCCATCCTCAGGACTCCGCCCTGGCCCCAAATGGAAGAGACTGTCTAGATATTG 660
DB 601 GCCTGTGTCCATCCTCAGGACTCCGCCCTGGCCCCAAATGGAAGAGACTGTCTAGATATTG 660
QY 661 ATGAATGTGCTCTGGTAAAGTCACTCTGCTCAATCAATCGAAGTGTGTGAACACATTGG 720
DB 661 ATGAATGTGCTCTGGTAAAGTCACTCTGCTCAATCAATCGAAGTGTGTGAACACATTGG 720
QY 721 GAAGCTACTACTGCAAAATGTCACATTGGTTTGGAACTCGAACTATATATCATGTCGACGATATG 780
DB 721 GAAGCTACTACTGCAAAATGTCACATTGGTTTGGAACTCGAACTATATATCATGTCGACGATATG 780
QY 781 ACTGTATAGATATAAATGTAATGTACTATGATAGCATACTGTCAGCCACCATGCCAATT 840
DB 781 ACTGTATAGATATAAATGTAATGTACTATGATAGCATACTGTCAGCCACCATGCCAATT 840
QY 841 GCTTCAATACCCCAAGGGTCTTCAAGTGTAAATGCAAGCAGGGAATATAAGGCAATGGAC 900
DB 841 GCTTCAATACCCCAAGGGTCTTCAAGTGTAAATGCAAGCAGGGAATATAAGGCAATGGAC 900
QY 901 TTCGGTGTCTGCTATCCCTGAAATTTCTGGAAGAGTCTCTCAGAGCCTCTGAGCAGCTGTGACCA 960
DB 901 TTCGGTGTCTGCTATCCCTGAAATTTCTGGAAGAGTCTCTCAGAGCCTCTGAGCAGCTGTGACCA 960
QY 961 TCAAGACAGAAATCAAGAAAGTTGCTTGTCTCACAATAAAGCAGCATGAAAGAGGCAAAAA 1020
DB 961 TCAAGACAGAAATCAAGAAAGTTGCTTGTCTCACAATAAAGCAGCATGAAAGAGGCAAAAA 1020
QY 1021 TTAATAATGTTACCCAGAACCCACAGAGCTCTTACCCTTAAGTGTAATCTTGACGCCCT 1080
DB 1021 TTAATAATGTTACCCAGAACCCACAGAGCTCTTACCCTTAAGTGTAATCTTGACGCCCT 1080
QY 1081 TCAACTATGAGAGATAGTTTCCAGAGCGGGAATCTCTCATGAGGTAAAGAGGGAATG 1140
DB 1081 TCAACTATGAGAGATAGTTTCCAGAGCGGGAATCTCTCATGAGGTAAAGAGGGAATG 1140
QY 1141 AAGAGAAATCAAGAGAGGGCTTGAAGATGAGAAAGAGAGAGAGAGCCCTGAAGATGA 1200
DB 1141 AAGAGAAATCAAGAGAGGGCTTGAAGATGAGAAAGAGAGAGAGAGCCCTGAAGATGA 1200
QY 1201 CATAGAGCGAGAGCTCGAGAGATGTGTTTTTCCCTTAAGTGAATGAAGAGAGTGA 1260
DB 1201 CATAGAGCGAGAGCTCGAGAGATGTGTTTTTCCCTTAAGTGAATGAAGAGAGTGA 1260
QY 1261 ATTCGGCTGATTTCTGGTCCAAAGAGAAAGCGCTAACTTCCAAACTGGAACATAAAGATT 1320
DB 1261 ATTCGGCTGATTTCTGGTCCAAAGAGAAAGCGCTAACTTCCAAACTGGAACATAAAGATT 1320
QY 1321 AAATATCTCGGTGATCTGAGCTTCAATCATGGATCTGTGACTGGAACAGGATAGAGA 1380
DB 1321 AAATATCTCGGTGATCTGAGCTTCAATCATGGATCTGTGACTGGAACAGGATAGAGA 1380
QY 1381 AGATGATTTTGAAGTGAATCTCTGATCGAGATAATGTATTTGGTTCTATATGGCAGT 1440
DB 1381 AGATGATTTTGAAGTGAATCTCTGATCGAGATAATGTATTTGGTTCTATATGGCAGT 1440
QY 1441 TCCGGCTTGGCAGGTCAAGAGAGCATTTGCCGCTTGAATTTCTCTCTACCTGACCT 1500
DB 1441 TCCGGCTTGGCAGGTCAAGAGAGCATTTGCCGCTTGAATTTCTCTCTACCTGACCT 1500
QY 1501 GCAACCCCAAGCAACTTCTGTTTGTCTTTGATTACCGCTGGCCGAGAGCAAGTCGG 1560
DB 1501 GCAACCCCAAGCAACTTCTGTTTGTCTTTGATTACCGCTGGCCGAGAGCAAGTCGG 1560
QY 1561 GAAACTTCGAGTGTGTAAGAAACAGTAACATGCGCTGGCATGGGAGAGACACAGAG 1620
DB 1561 GAAACTTCGAGTGTGTAAGAAACAGTAACATGCGCTGGCATGGGAGAGACACAGAG 1620
QY 1621 TGAGGATCAAGAGTGAAGACAGGGAATTTCAAGTGTGATATCAAGGAACTGATCTACCA 1680

Db 1621 TGAGGATGAAAGTGGAGACACAGGGAATTCAGTTGTATCAAGGAATGATGATACCAA 1680
Qy 1681 AAGCATATTTTGAAGCAGAACGTTGGCAGGCGAAACCGCGGAAATCGCAGTGGATGG 1740
Db 1681 AAGCATATTTTGAAGCAGAACGTTGGCAGGCGAAACCGCGGAAATCGCAGTGGATGG 1740
Qy 1741 CGTCTTGGCTTGTTCAGGCTTATGTCACAGATAGCCTTTTATCTGTGATGACTGAATGTT 1800
Db 1741 CGTCTTGGCTTGTTCAGGCTTATGTCACAGATAGCCTTTTATCTGTGATGACTGAATGTT 1800
Qy 1801 ACTATCTTATATTCAGCTTGTATGTCAGTTCCTCGGTTTTTTTGTGATTTGATCATAG 1860
Db 1801 ACTATCTTATATTCAGCTTGTATGTCAGTTCCTCGGTTTTTTTGTGATTTGATCATAG 1860
Qy 1861 GACCTCTGGCATTTTGAATTTACTAGCTGAAATTTGTAATGATACCAACAGAAATATTAT 1920
Db 1861 GACCTCTGGCATTTTGAATTTACTAGCTGAAATTTGTAATGATACCAACAGAAATATTAT 1920
Qy 1921 TGTAAAGTGCCTTCTTGTATAGATATGCCAATATTGCTTTAAATATCATATCATGT 1980
Db 1921 TGTAAAGTGCCTTCTTGTATAGATATGCCAATATTGCTTTAAATATCATATCATGT 1980
Qy 1981 ATCTTCTCAGTCATTTCTGAATCTTCCNCAATTTATATATAAAATGGAANGTCAGTT 2040
Db 1981 ATCTTCTCAGTCATTTCTGAATCTTCCNCAATTTATATATAAAATGGAANGTCAGTT 2040
Qy 2041 TATCTCCCTCCCTCNGTATATCTGATTTGTATANGFANGTTGATNGCTTCTCTCAAA 2100
Db 2041 TATCTCCCTCCCTCNGTATATCTGATTTGTATANGFANGTTGATNGCTTCTCTCAAA 2100
Qy 2101 CATTTCTGAAATATAGAAAATGAAACACAGAGAAATGTTTACTGTTGACTCTTATGAT 2160
Db 2101 CATTTCTGAAATATAGAAAATGAAACACAGAGAAATGTTTACTGTTGACTCTTATGAT 2160
Qy 2161 ACTTCTTGAAATCTGATCATCAATCAAGATAGACTTTTGCCTAAAGTGGCTTTAGCTGGGCTT 2220
Db 2161 ACTTCTTGAAATCTGATCATCAATCAAGATAGACTTTTGCCTAAAGTGGCTTTAGCTGGGCTT 2220
Qy 2221 TCATAGCAAACTGTATATTTTAACTTTTGTATATATAA 2260
Db 2221 TCATAGCAAACTGTATATTTTAACTTTTGTATATATAA 2260

RESULT 45

US-10-028-118

Sequence 118, Application US/10210028

Publication No. US2003020346A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi

APPLICANT: Baker Kevin P.

APPLICANT: Botstein, David

APPLICANT: Deanoyers, Luc

APPLICANT: Eaton, Dan

APPLICANT: Ferrara, Napoleon

APPLICANT: Filvaroff, Ellen

APPLICANT: Fong, Sherman

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerber, Hanspeter

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Grimaldi, J. Christopher

APPLICANT: Gurney, Austin L.

APPLICANT: Hillan, Kenneth J.

APPLICANT: Kljavin, Ivar J.

APPLICANT: Kuo, Sophia S.

APPLICANT: Napier, Mary A.

APPLICANT: Pan, James

APPLICANT: Paoni, Nicholas F.

APPLICANT: Roy, Margaret Ann

APPLICANT: Shelton, David L.

APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel

APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630PICS2
CURRENT APPLICATION NUMBER: US/10/210,028
CURRENT FILING DATE: 2001-10-18
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
PRIOR Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 118
LENGTH: 2260
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: unsure
LOCATION: 2009, 2026, 2033, 2055, 2074, 2078, 2086
OTHER INFORMATION: unknown base
US-10-210-028-118

Query Match 99.7%; Score 2253; DB 13; Length 2260;

Best Local Similarity 100.0%; Pred. No. 0;

Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGGACCGGTGGGTGCGAGTGGAGCGGAGCGGAGCGGCTGAGGAGAGAGAGCGCGG 60
Db 1 CGGACCGGTGGGTGCGAGTGGAGCGGAGCGGAGCGGCTGAGGAGAGAGAGCGCGG 60
Qy 61 GCTTAGCTGCTACGGGGTCCGCGCGCGCCCTCCGAGGGGGCTCAGGAGGAGAGGAA 120
Db 61 GCTTAGCTGCTACGGGGTCCGCGCGCGCCCTCCGAGGGGGCTCAGGAGGAGAGGAA 120
Qy 121 GGACCCGCTGCGAGAATGCTCTGCTGCTGAGAGCTTGGCGCTCCCGCTGCTGCTCTGG 180
Db 121 GGACCCGCTGCGAGAATGCTCTGCTGCTGAGAGCTTGGCGCTCCCGCTGCTGCTCTGG 180
Qy 181 TGGCAGGTGTTTGGGAGACGGCGCGGCGGAGTGCAGAGCATCACGGTTGTTAGCATCGGC 240
Db 181 TGGCAGGTGTTTGGGAGACGGCGCGGCGGAGTGCAGAGCATCACGGTTGTTAGCATCGGC 240
Qy 241 GTGAGCTGGGGTCTGTCACTATGGAATCTAAATGCGCTGCTGCTGCTGCTGCTGCTG 300
Db 241 GTGAGCTGGGGTCTGTCACTATGGAATCTAAATGCGCTGCTGCTGCTGCTGCTGCTG 300
Qy 301 ACAGCAAGGAGTCTGTGAAGCTACATGCGAACCTGGATGTAAGTTGGTGGTGGTGG 360
Db 301 ACAGCAAGGAGTCTGTGAAGCTACATGCGAACCTGGATGTAAGTTGGTGGTGGTGG 360
Qy 361 GACCAACAAATGCAGATGCTTTCCAGGATACACCGGGAACCTGCGCTCAAGATGCA 420
Db 361 GACCAACAAATGCAGATGCTTTCCAGGATACACCGGGAACCTGCGCTCAAGATGCA 420
Qy 421 ATGAGTGTGAATGAACCCCGGCGCATGCCACACAGATGTGTGAATACACCGGAGCT 480

APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630PIC59
CURRENT APPLICATION NUMBER: US/10/017,081A
CURRENT FILING DATE: 2002-04-30
Prior application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 118
LENGTH: 2260
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: unsure
LOCATION: 2009, 2026, 2033, 2055, 2074, 2078, 2086
OTHER INFORMATION: unknown base
US-10-017-081A-118

Query Match		99.7%;	Score 2253;	DB 15;	Length 2260;
Best Local Similarity		100.0%;	Pred. No. 0;		
Matches 2260;		Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;
QY	1	CGGACGCGTGGGTGGAGTGGAGCGGAGGAGCCCGAGCGGCTGAGGAGAGGAGGCGGCG	60		
DB	1	CGGACGCGTGGGTGGAGTGGAGCGGAGGAGCCCGAGCGGCTGAGGAGAGGAGGCGGCG	60		
QY	61	GCTTAGCTCTACGGGTCCGGCCGGCCGCTCCCGAGGGGGCTCAGGAGGAGGAGGA	120		
DB	61	GCTTAGCTCTACGGGTCCGGCCGGCCGCTCCCGAGGGGGCTCAGGAGGAGGAGGA	120		
QY	121	GGACCCGTCGGAGATGCTCTGCCCTGGAGGCTTGGCCTCCCGCTGCTCTCTCTGGG	180		
DB	121	GGACCCGTCGGAGATGCTCTGCCCTGGAGGCTTGGCCTCCCGCTGCTCTCTCTGGG	180		
QY	181	TGCGAGGTGGTTCGGGAAACGGCGGCGAGTGGAGGAGGAGGAGGAGGAGGAGGAGG	240		
DB	181	TGCGAGGTGGTTCGGGAAACGGCGGCGAGTGGAGGAGGAGGAGGAGGAGGAGGAGG	240		
QY	241	GTGAGCTGGGGTCTGCTCACTATGGAATGAACTGAGGCTGCTGCTGCTGCTGCTGCTG	300		
DB	241	GTGAGCTGGGGTCTGCTCACTATGGAATGAACTGAGGCTGCTGCTGCTGCTGCTGCTG	300		
QY	301	ACAGCAAGGAGTCTGTGAAGTACATGCGAACTGCGAACTGCGAACTGCGAACTGCGAA	360		
DB	301	ACAGCAAGGAGTCTGTGAAGTACATGCGAACTGCGAACTGCGAACTGCGAACTGCGAA	360		
QY	361	GACCAACAAATGACATGCTTCCAGGATACACCGGAAACCTGCACTCAAGATGTGA	420		
DB	361	GACCAACAAATGACATGCTTCCAGGATACACCGGAAACCTGCACTCAAGATGTGA	420		
QY	421	ATGAGTGTGAATGAAACCCCGCCCATGCGAACTGCGAACTGCGAACTGCGAACTGCGAA	480		
DB	421	ATGAGTGTGAATGAAACCCCGCCCATGCGAACTGCGAACTGCGAACTGCGAACTGCGAA	480		
QY	481	ACAAGTGTCTTGGCTCAGTGGCCATGCTCATGCGAGTGTGAGTGTGAGTGTGAGTGTG	540		
DB	481	ACAAGTGTCTTGGCTCAGTGGCCATGCTCATGCGAGTGTGAGTGTGAGTGTGAGTGTG	540		
QY	541	GGACATGTGCCATGATAAACTGTCACTGAGTGTGAGGAGGAGGAGGAGGAGGAGGAGG	600		
DB	541	GGACATGTGCCATGATAAACTGTCACTGAGTGTGAGGAGGAGGAGGAGGAGGAGGAGG	600		
QY	601	GCCTGTGCTCATCTCAGGAGTCCGCTGGCCCGCAATGGAAGAGGAGTGTCTAGATATTG	660		
DB	601	GCCTGTGCTCATCTCAGGAGTCCGCTGGCCCGCAATGGAAGAGGAGTGTCTAGATATTG	660		

QY	661	ATGAAATGTGCTCTGGTAAAGTCAATCTGTCCCTCAATCGAAGATGTGTGAACATTTG	720
DB	661	ATGAAATGTGCTCTGGTAAAGTCAATCTGTCCCTCAATCGAAGATGTGTGAACATTTG	720
QY	721	GAAGCTACTACTGCAAAATGTCAATTTGGTTTTCGAACTGCAATATATATCACTGACGATATG	780
DB	721	GAAGCTACTACTGCAAAATGTCAATTTGGTTTTCGAACTGCAATATATATCACTGACGATATG	780
QY	781	ACTGTATAGATATAAATGAATGTACTATGGATGACCATAGCTGACGACCATGCTGCAATTT	840
DB	781	ACTGTATAGATATAAATGAATGTACTATGGATGACCATAGCTGACGACCATGCTGCAATTT	840
QY	841	GCTTCAATACCAAGGCTCTTCAAGTGTAAATGCAAGCAGGAGATATAAGGCAATGGAC	900
DB	841	GCTTCAATACCAAGGCTCTTCAAGTGTAAATGCAAGCAGGAGATATAAGGCAATGGAC	900
QY	901	TTGGTGTCTGTATCCCTGAAATTTCTGTGAAGAGTCTCTCAGAGCACCTGGTACCA	960
DB	901	TTGGTGTCTGTATCCCTGAAATTTCTGTGAAGAGTCTCTCAGAGCACCTGGTACCA	960
QY	961	TCAAAGCAGAAATCAAGAGTGTCTGCTCACAAAAAACAGCATGAAAAAGAGGACAAAA	1020
DB	961	TCAAAGCAGAAATCAAGAGTGTCTGCTCACAAAAAACAGCATGAAAAAGAGGACAAAA	1020
QY	1021	TTAAAAATGTTTACCCCGAAGCCCAACAGGACTCTTACCCCTAAAGGTGAATTCGAGCCCT	1080
DB	1021	TTAAAAATGTTTACCCCGAAGCCCAACAGGACTCTTACCCCTAAAGGTGAATTCGAGCCCT	1080
QY	1081	TCAACTATGAAGATAGTTTCCAGAGCGGAGTCTCTCATGAGGTAAAAAGGAGATG	1140
DB	1081	TCAACTATGAAGATAGTTTCCAGAGCGGAGTCTCTCATGAGGTAAAAAGGAGATG	1140
QY	1141	AAGAGAAATGAAAGAGGGGCTTGAGGATGAGAAAGAGAGAGAGGCTCTGAAGATGA	1200
DB	1141	AAGAGAAATGAAAGAGGGGCTTGAGGATGAGAAAGAGAGAGAGGCTCTGAAGATGA	1200
QY	1201	CATGAGAGGAGAGGCTCGAGGAGATGTTTCCCTTAAGTGAATCAAGCAGGTGA	1260
DB	1201	CATGAGAGGAGAGGCTCGAGGAGATGTTTCCCTTAAGTGAATCAAGCAGGTGA	1260
QY	1261	ATTCCGCTGATTTCTGGTCCAAAGGAAAGGCTAACTTCCAAACTGGAACATAAAGATT	1320
DB	1261	ATTCCGCTGATTTCTGGTCCAAAGGAAAGGCTAACTTCCAAACTGGAACATAAAGATT	1320
QY	1321	AAATATCTGGTGTGCTGAGCTTCAATCATGGGATCTGTGACTGGAACAGGATAGAG	1380
DB	1321	AAATATCTGGTGTGCTGAGCTTCAATCATGGGATCTGTGACTGGAACAGGATAGAG	1380
QY	1381	AGATGATTTGACTGGAATCTGCTGATCGAGATAATGCTATTGGCTTCTATATGGCAGT	1440
DB	1381	AGATGATTTGACTGGAATCTGCTGATCGAGATAATGCTATTGGCTTCTATATGGCAGT	1440
QY	1441	TCGGCCTTGGCAGGTCAAGAAAGACATTTGGCGGATGGAACCTTCTCTACCTGACCT	1500
DB	1441	TCGGCCTTGGCAGGTCAAGAAAGACATTTGGCGGATGGAACCTTCTCTACCTGACCT	1500
QY	1501	GCACCCCAAGCAACTTCTGTTGCTCTTTGATTACCGGCTGGCGGAGACAAAGTCGG	1560
DB	1501	GCACCCCAAGCAACTTCTGTTGCTCTTTGATTACCGGCTGGCGGAGACAAAGTCGG	1560
QY	1561	GAAACTTCAGTGTGTTGTAAGAAACAGTAAATGCTCTGGCATGGGAGAGACACAGAG	1620
DB	1561	GAAACTTCAGTGTGTTGTAAGAAACAGTAAATGCTCTGGCATGGGAGAGACACAGAG	1620
QY	1621	TGAGGATGAAGATGGAACAGGAGAAATTCAGTTGTATCAAGGAATGATGCTACCA	1680
DB	1621	TGAGGATGAAGATGGAACAGGAGAAATTCAGTTGTATCAAGGAATGATGCTACCA	1680
QY	1681	AAGCATCAATTTTGAAGCAGAACTGGGCAAGGCGAAAAACCGGCGGAATTCGAGTGGATG	1740
DB	1681	AAGCATCAATTTTGAAGCAGAACTGGGCAAGGCGAAAAACCGGCGGAATTCGAGTGGATG	1740

1741 CGCTTGCTGCTTTTCCAGCTTATGTCAGATAGAGCTTTTATCTCTGGATGACTGAATGTT 1800
1741 CGCTTGCTGCTTTTCCAGCTTATGTCAGATAGAGCTTTTATCTCTGGATGACTGAATGTT 1800
1801 ACTATCTTTATATTTGACTTTTGTATGTCAGTTCCTGCTTTTGTGATTTGATCATATAG 1860
1801 ACTATCTTTATATTTGACTTTTGTATGTCAGTTCCTGCTTTTGTGATTTGATCATATAG 1860
1861 GACCTCTGSCATTTTGTAGATTTACTAGCTGAAATTTGATTTTACCAACAGAAATTTAT 1920
1861 GACCTCTGSCATTTTGTAGATTTACTAGCTGAAATTTGATTTTACCAACAGAAATTTAT 1920
1921 TGTAAAGATGCTTTTGTATAGATATGCAATTTTGTGATTTTAAATATCATATCACTGT 1980
1921 TGTAAAGATGCTTTTGTATAGATATGCAATTTTGTGATTTTAAATATCATATCACTGT 1980
1981 ACTTCTCAGTCACTTTGATCTTTCCNCAATTTATATTAATTTGGAANGTCAGTT 2040
1981 ACTTCTCAGTCACTTTGATCTTTCCNCAATTTATATTAATTTGGAANGTCAGTT 2040
2041 TATCTCCCTCTCTGATATCTGATTTGTATANGTGTGATGCTTTCTCTCTACAA 2100
2041 TATCTCCCTCTCTGATATCTGATTTGTATANGTGTGATGCTTTCTCTCTACAA 2100
2101 CATTTCTAGAAATAGAAAAGACAGAGAAATGTTTAACTGTTGCTGCTTATGAT 2160
2101 CATTTCTAGAAATAGAAAAGACAGAGAAATGTTTAACTGTTGCTGCTTATGAT 2160
2161 ACTTCTGGAATAGATCATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGCTTT 2220
2161 ACTTCTGGAATAGATCATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGCTTT 2220
2221 TCATAGCCAACTGCTATATTTAATCTTTCTGTAATAATA 2260
2221 TCATAGCCAACTGCTATATTTAATCTTTCTGTAATAATA 2260

RESULT 47

US-10-167-749-118
; Sequence 118, Application US/10167749
; Publication No. US20030056137A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Hanspeter
; APPLICANT: Goddard, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Grimaldi, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Luo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC60
; CURRENT APPLICATION NUMBER: US/10/167,749

; CURRENT FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 118
; LENGTH: 2260
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: unsure
; LOCATION: 2009, 2026, 2033, 2055, 2074, 2078, 2086
; OTHER INFORMATION: unknown base
US-10-167-749-118

Query Match 99.7%; Score 2253; DB 15; Length 2260;
Sect Local Similarity 100.0%; Pred. No. 0;
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGGACCGCTGGGTGGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGAGAGAGGCGCG 60
Db 1 CGGACCGCTGGGTGGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGAGAGAGGCGCG 60
Qy 61 GCTTAGCTCTAGCGGGTCCGGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCG 120
Db 61 GCTTAGCTCTAGCGGGTCCGGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCG 120
Qy 121 GGACCCGCTGCGAGAAATGCTCTGCGCTTGGAGGCTTGGCGCTCCCGCTGCTCTCTCTGG 180
Db 121 GGACCCGCTGCGAGAAATGCTCTGCGCTTGGAGGCTTGGCGCTCCCGCTGCTCTCTCTGG 180
Qy 181 TGGCAGGTGTTTGGGACCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCG 240
Db 181 TGGCAGGTGTTTGGGACCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCG 240
Qy 241 GTCAGGCTGGGTCTGTCTATGGAATTAACCTGGGCTGCTGCTACGGTGGAGAGAA 300
Db 241 GTCAGGCTGGGTCTGTCTATGGAATTAACCTGGGCTGCTGCTACGGTGGAGAGAA 300
Qy 301 ACAGCAAGGAGTCTGTGAAGTACATCGGAACCTGAGATGTAAGTTTGGTGGTGG 360
Db 301 ACAGCAAGGAGTCTGTGAAGTACATCGGAACCTGAGATGTAAGTTTGGTGGTGG 360
Qy 361 GACCAAAACAAATGCAAGTCTTCCAGGATACACCGGGAACCTGCAAGTCAAGATGTA 420
Db 361 GACCAAAACAAATGCAAGTCTTCCAGGATACACCGGGAACCTGCAAGTCAAGATGTA 420
Qy 421 ATGAGTGTGAATGAATGAACCCCGGCGCATGCCAATGCTGTAATGTAATGTAATGTA 480
Db 421 ATGAGTGTGAATGAATGAACCCCGGCGCATGCCAATGCTGTAATGTAATGTAATGTA 480
Qy 481 ACAAGTGTCTTTGCTCAGTGGCCACATGCTCATGCCAGATGCTACGTGTGTGTAATCTTA 540
Db 481 ACAAGTGTCTTTGCTCAGTGGCCACATGCTCATGCCAGATGCTACGTGTGTGTAATCTTA 540

541 GGACATGTCGATGATAAATCTGTCAGTACAGCTGTGAAGACACAGAGAAGAGGCCACAGT 600
541 GGACATGTCGATGATAAATCTGTCAGTACAGCTGTGAAGACACAGAGAAGAGGCCACAGT 600
601 GCCTGTGTCATCTCCAGACCTCCGCTGCGCCCAATGAGAGAGCTGTCAGATATG 660
601 GCCTGTGTCATCTCCAGACCTCCGCTGCGCCCAATGAGAGAGCTGTCAGATATG 660
661 ATGAATGTGCTCTGCTAAAGTCACTCTGCTCCCTCAATCGAAGATGTGTGAACACATTTG 720
661 ATGAATGTGCTCTGCTAAAGTCACTCTGCTCCCTCAATCGAAGATGTGTGAACACATTTG 720
721 GAAGTACTACTGCAAAATGTCAATGTGTTGCAACTGCAATATATCAGTGGAGCATATG 780
721 GAAGTACTACTGCAAAATGTCAATGTGTTGCAACTGCAATATATCAGTGGAGCATATG 780
781 ACTGTATAGATATAAATGAATGTACTATGATAGCATTAGCCTAGCAGCCACCATGCCAATT 840
781 ACTGTATAGATATAAATGAATGTACTATGATAGCATTAGCCTAGCAGCCACCATGCCAATT 840
841 GCTTCAATACCCAGAGGTCCTTCAAGTGTAAATGCAAGCGGGATATAAAGGCAATGGAC 900
841 GCTTCAATACCCAGAGGTCCTTCAAGTGTAAATGCAAGCGGGATATAAAGGCAATGGAC 900
901 TTCGGTGTCTGCTATCCCTGAAATCTGTGAAGGAAGTCTCTAGAGCACCTGCTACCA 960
901 TTCGGTGTCTGCTATCCCTGAAATCTGTGAAGGAAGTCTCTAGAGCACCTGCTACCA 960
961 TCAAGACAGCAATCAAGAGTGTCTTGTCTCAACAAAACAGCATGAAAAGAGGCAAAAA 1020
961 TCAAGACAGCAATCAAGAGTGTCTTGTCTCAACAAAACAGCATGAAAAGAGGCAAAAA 1020
1021 TTAATAATGTTACCCAGAACCCACAGACCTCTACCCCTAAGGTGAATGTCAGCCCT 1080
1021 TTAATAATGTTACCCAGAACCCACAGACCTCTACCCCTAAGGTGAATGTCAGCCCT 1080
1081 TCAACTATGAAGAGATAGTCTTCCAGAGGCGGGAATCTCTCATGAGGTAAAAAGGGAATG 1140
1081 TCAACTATGAAGAGATAGTCTTCCAGAGGCGGGAATCTCTCATGAGGTAAAAAGGGAATG 1140
1141 AAGAGAAATGAAGAGGCTTGAAGATGAGAAAGAGAGAGAAAGCCCTGAAGATGA 1200
1141 AAGAGAAATGAAGAGGCTTGAAGATGAGAAAGAGAGAGAAAGCCCTGAAGATGA 1200
1201 CATAGAGAGCGAAGCTCGGAGAGATGTGTTTTTCCCTAAGGTGAATGAAGCAGGTGA 1260
1201 CATAGAGAGCGAAGCTCGGAGAGATGTGTTTTTCCCTAAGGTGAATGAAGCAGGTGA 1260
1261 ATTCCGCTGATCTGCTCAAAAGGAAGCGCTAATCTCAAACTGGAACATAAGATTT 1320
1261 ATTCCGCTGATCTGCTCAAAAGGAAGCGCTAATCTCAAACTGGAACATAAGATTT 1320
1321 AAATATCTCGTTGACCTGACGCTTCAATCATGGATCTGTGACTGGAACAGGATAGAGA 1380
1321 AAATATCTCGTTGACCTGACGCTTCAATCATGGATCTGTGACTGGAACAGGATAGAGA 1380
1381 AGATGATTTGACTGGAATCTGCTGATCGAGATAATGCTATTGGCTTCTATATGGCAGT 1440
1381 AGATGATTTGACTGGAATCTGCTGATCGAGATAATGCTATTGGCTTCTATATGGCAGT 1440
1441 TCCGGCTTCCGAGCTCACAAGAGACATGCGCGATTGAAACTTCTCTACTGCACT 1500
1441 TCCGGCTTCCGAGCTCACAAGAGACATGCGCGATTGAAACTTCTCTACTGCACT 1500
1501 GCAACCCCAAGCAACTTCTGTTTGTCTCTTGTATTACCGCTGCGCGAGACAAAGTCGG 1560
1501 GCAACCCCAAGCAACTTCTGTTTGTCTCTTGTATTACCGCTGCGCGAGACAAAGTCGG 1560
1561 GAACCTCGAGCTTGTGAAGAAACAGTAACTGCGCTGGCATGGAGAGACACAGAG 1620
1561 GAACCTCGAGCTTGTGAAGAAACAGTAACTGCGCTGGCATGGAGAGACACAGAG 1620
1621 TGAGGATGAAAAGTGAAGACAGGGAATAATTCAGTTGTATCAAGGAACGTGATCTACCAA 1680

1621 TGAGGATGAAAAGTGAAGACAGGGAATAATTCAGTTGTATCAAGGAACGTGATCTACCAA 1680
1681 AAGCATCATTTTTGAGCAGAGAACTGTGCAAGGGCAAAACCGGCAAAATCCAGTGGATGG 1740
1681 AAGCATCATTTTTGAGCAGAGAACTGTGCAAGGGCAAAACCGGCAAAATCCAGTGGATGG 1740
1741 CGTCTGCTGTTTTCAGCCTTATGTCCAGATAGCCTTTATCTGTGGATGACATGAATGTT 1800
1741 CGTCTGCTGTTTTCAGCCTTATGTCCAGATAGCCTTTTATCTGTGGATGACATGAATGTT 1800
1801 ACTATCTTTATATTTGACTTTTGTATGTCCCTGCTGTTTGTATTTGATATTTGCATCATAG 1860
1801 ACTATCTTTATATTTGACTTTTGTATGTCCCTGCTGTTTGTATTTGATATTTGCATCATAG 1860
1861 GACCTCTGCGCATTTTAGAATTTACTAGCTGGAATAATTTGTAATGTACCAAGAAATATAT 1920
1861 GACCTCTGCGCATTTTAGAATTTACTAGCTGGAATAATTTGTAATGTACCAAGAAATATAT 1920
1921 TGTAAGATGCTCTTCTGTATAAGATATGCCAATATTTGCTTTTAAATATCATATCACTGT 1980
1921 TGTAAGATGCTCTTCTGTATAAGATATGCCAATATTTGCTTTTAAATATCATATCACTGT 1980
1981 ATCTTCTCAGTCATTTCTGAATCTTTCNCNATATATATAAATNTGGAANGTCAGTT 2040
1981 ATCTTCTCAGTCATTTCTGAATCTTTCNCNATATATATAAATNTGGAANGTCAGTT 2040
2041 TATCTCCCTCTCNGTATATCTGATTTTGTATANGTANGTGTGCTTCTCTTACAA 2100
2041 TATCTCCCTCTCNGTATATCTGATTTTGTATANGTANGTGTGCTTCTCTTACAA 2100
2101 CATTTCTAGAAAATAGAAAAAAGCAGAGAAATGTTTAACTGTTTGAATCTTATGAT 2160
2101 CATTTCTAGAAAATAGAAAAAAGCAGAGAAATGTTTAACTGTTTGAATCTTATGAT 2160
2161 ACTTCTTGAAGAACTGACATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGTCTT 2220
2161 ACTTCTTGAAGAACTGACATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGTCTT 2220
2221 TCATAGCCAAACTGTTGATATTTAAATTTCTTTGTAATAATAA 2260
2221 TCATAGCCAAACTGTTGATATTTAAATTTCTTTGTAATAATAA 2260

RESULT 48
US-10-013-921A-118
; Sequence 118, Application US/10013921A
; Publication No. US20030068648A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gottard, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Sheiton, David L.
; APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: F2630PIC84
CURRENT APPLICATION NUMBER: US/10/013,921A
CURRENT FILING DATE: 2002-03-19
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: 60/078004
PRIOR FILING DATE: 1998-03-13
PRIOR APPLICATION NUMBER: 60/078886
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078936
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078939
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/079294
PRIOR FILING DATE: 1998-03-25
PRIOR APPLICATION NUMBER: 60/079656
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: 60/079664
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079689
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079663
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079728
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079786
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079920
PRIOR FILING DATE: 1998-03-30
PRIOR APPLICATION NUMBER: 60/079923
PRIOR FILING DATE: 1998-03-30
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PRIOR FILING DATE: 1998-04-01
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PRIOR APPLICATION NUMBER: 60/080334
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/081070
PRIOR FILING DATE: 1998-04-08
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PRIOR APPLICATION NUMBER: 60/081195
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081203
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081229
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081955
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081817
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081819
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081952
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081838
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PRIOR APPLICATION NUMBER: 60/082568
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082569
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082704
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082804
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082700
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082797
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082796
PRIOR FILING DATE: 1998-04-23
PRIOR APPLICATION NUMBER: 60/083336
PRIOR FILING DATE: 1998-04-27
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/083392
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083495
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083496
PRIOR FILING DATE: 1998-04-29
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PRIOR APPLICATION NUMBER: 60/083554
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083558
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PRIOR APPLICATION NUMBER: 60/083559
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083500
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083742
PRIOR FILING DATE: 1998-04-30
PRIOR APPLICATION NUMBER: 60/084366
PRIOR FILING DATE: 1998-05-05
PRIOR APPLICATION NUMBER: 60/084414
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084441
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084637
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084639
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084640
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084598
PRIOR FILING DATE: 1998-05-07

[illegible]

Db 1681 AAGCATCATTTTGAAGCAGACAGTGGCAAGGCAAAACCGGCAAAATCGCAGTGGATGG 1740
Qy 1741 CGTCTTCCTGTTTTCAGGCTTTATGTCAGATAGCCTTTTATCTGTGGATGACTGAATGTT 1800
Db 1741 CGTCTTCCTGTTTTCAGGCTTTATGTCAGATAGCCTTTTATCTGTGGATGACTGAATGTT 1800
Qy 1801 ACTATCTTTATATGACTTTGTATGTGTCAGTTCCTCGGTTTTTTGATATTCATCATAG 1860
Db 1801 ACTATCTTTATATGACTTTGTATGTGTCAGTTCCTCGGTTTTTTGATATTCATCATAG 1860
Qy 1861 GACCTCTGGCATTTTACAAATTTACTAGCTGAAAATTTGTAATGTACCAACAGAAAATTTAT 1920
Db 1861 GACCTCTGGCATTTTACAAATTTACTAGCTGAAAATTTGTAATGTACCAACAGAAAATTTAT 1920
Qy 1921 TGTAAAGTGCCTTTCTGTTATAGATATGCAATATTTGCTTTAAATATCATATCACTGT 1980
Db 1921 TGTAAAGTGCCTTTCTGTTATAGATATGCAATATTTGCTTTAAATATCATATCACTGT 1980
Qy 1981 ATCTTCTCAGTCATTTCTGTAATCTTCCNCAATATATTAATAATGGAANGTCAGTT 2040
Db 1981 ATCTTCTCAGTCATTTCTGTAATCTTCCNCAATATATTAATAATGGAANGTCAGTT 2040
Qy 2041 TATCTCCCTCCTCNGTATATCTGATTTGTATANGTANGTGTGTCCTCTCTACAA 2100
Db 2041 TATCTCCCTCCTCNGTATATCTGATTTGTATANGTANGTGTGTCCTCTCTACAA 2100
Qy 2101 CATTTCTAGAAAATAGAAAAGACACAGAAAATGTTAACTGTTGACTCTTATGAT 2160
Db 2101 CATTTCTAGAAAATAGAAAAGACACAGAAAATGTTAACTGTTGACTCTTATGAT 2160
Qy 2161 ACTTCTTGAAAATCTGACATCAAAAGTAGACATTTTGCCCTAAGTGGCTTAGCTGGTCTT 2220
Db 2161 ACTTCTTGAAAATCTGACATCAAAAGTAGACATTTTGCCCTAAGTGGCTTAGCTGGTCTT 2220
Qy 2221 TCATAGCAAACTTGTATATTTATTTCTTTGTAATAATA 2260
Db 2221 TCATAGCAAACTTGTATATTTATTTCTTTGTAATAATA 2260

RESULT 49

US-10-013-929A-118
; Sequence 118, Application US/10013929A
; Publication No. US20030072745A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same

FILE REFERENCE: P2630PIC89
; CURRENT APPLICATION NUMBER: US/10/013,929A
; PRIOR FILING DATE: 2002-03-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
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; PRIOR APPLICATION NUMBER: 60/078004
; PRIOR FILING DATE: 1998-03-13
; PRIOR APPLICATION NUMBER: 60/078886
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078936
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; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078939
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; PRIOR FILING DATE: 1998-04-01
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;; PRIOR APPLICATION NUMBER: 60/085573
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085704
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 99.7%; Score 2253; DB 15; Length 2260;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGTGGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGAGGAGCGCGG 60
DB 1 CGGACGCGTGGTGGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGAGGAGCGCGG 60

QY 61 GCTTAGCTGTCTACGGGGTCCGGCGCGCCCTCCGAGGGGGGCTCAGGAGGAGGAAGGA 120
DB 61 GCTTAGCTGTCTACGGGGTCCGGCGCGCCCTCCGAGGGGGGCTCAGGAGGAGGAAGGA 120

QY 121 GGACCCGTGCGAGAAATGCTCTGCGCTGGAGCCTTCCGCTCCGCTGCTCTCTCTCTGG 180
DB 121 GGACCCGTGCGAGAAATGCTCTGCGCTGGAGCCTTCCGCTCCGCTGCTCTCTCTCTGG 180

QY 181 TGCGAGGTGTTTCGGGAACGGCGGCGGCTCAAGGCGATCAGGGGTTGTAGCATCGGCAC 240
DB 181 TGCGAGGTGTTTCGGGAACGGCGGCGGCTCAAGGCGATCAGGGGTTGTAGCATCGGCAC 240

QY 241 GTCAGCCTGGGTCTGTCTATGAACTAACTGCGCTGCTGCTGCTGCTGCTGCTGCTGCTG 300
DB 241 GTCAGCCTGGGTCTGTCTATGAACTAACTGCGCTGCTGCTGCTGCTGCTGCTGCTGCTG 300

QY 301 ACAGCAAGGGAGTCTGTGAAGCTACATCGAACCTGGATGTAAGTTTGGTGAAGTGG 360
DB 301 ACAGCAAGGGAGTCTGTGAAGCTACATCGAACCTGGATGTAAGTTTGGTGAAGTGG 360

QY 361 GACCAAAACAAATGCAGATGCTTTCCAGGATACACCGGAAACCTGCGAGTCAAGTGTGA 420
DB 361 GACCAAAACAAATGCAGATGCTTTCCAGGATACACCGGAAACCTGCGAGTCAAGTGTGA 420

QY 421 ATGAGTGTGGAATGAACCCCGGCGCATGCGAACACAGATGTGTAATACACACGAGCT 480
DB 421 ATGAGTGTGGAATGAACCCCGGCGCATGCGAACACAGATGTGTAATACACACGAGCT 480

QY 481 ACAAGTGTCTTTTGGCTCAGTGGCCACATGCTCATGCCAGATGCTACGTGTGTGAATCTTA 540
DB 481 ACAAGTGTCTTTTGGCTCAGTGGCCACATGCTCATGCCAGATGCTACGTGTGTGAATCTTA 540

QY 541 GGACATGTGCCATGATAAATCTGTCAGTACAGTGTGAAGACACAGAGAGGCGCCACAGT 600
DB 541 GGACATGTGCCATGATAAATCTGTCAGTACAGTGTGAAGACACAGAGAGGCGCCACAGT 600

QY 601 GCCTGTGTCCATCTCTCAGGACTCCGCGCTGGCCCAAAATGGAAGAGACTGTCTAGATATTG 660
DB 601 GCCTGTGTCCATCTCTCAGGACTCCGCGCTGGCCCAAAATGGAAGAGACTGTCTAGATATTG 660

QY 661 ATGAATGTGCTCTGTGTAAGTATCTGTCCCTACATCGAAGATGTGTGAACATTTG 720

661 ATGAATGTGGCTCTGGTAAAGTCACTGTCCCTACCAATCGAAGATGTGGAACACATTTG 720
721 GAAGCTACTACTGCAAAATGTCAATGCTGTTCCAACTGCAATATATATCACTGACGACATATG 780
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781 ACTGTATAGATATTAATGAATGTACTATGATGATGATGATGATGATGATGATGATGATGATGAT 840
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841 GCTTCAATACCCAGGCTCTTCAAGTGTAAATGCAAGCAGGATATAAAGGCAATGGAC 900
841 GCTTCAATACCCAGGCTCTTCAAGTGTAAATGCAAGCAGGATATAAAGGCAATGGAC 900
901 TTCGGTGTCTGTCTATCCCTGAAATTTCTGTGAAGGAATGCTCTGAGACACCTGTGTACCA 960
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961 TCAAGACAGAAATCAAGAGTGTCTCTCACAAAACAGCATGAAAAAGAGGCAAAA 1020
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1021 TTAATAATGTTCACCCAGAAACCCACAGGACTCTACCCCTTAAGGTGAATCTGACGCCCT 1080
1081 TCAACTATGAGAGATAGTTTCCAGAGCGGGAATCTCATGAGGTGAAAAAGGGAATG 1140
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1201 CATAGAGAGCGAGCTGCGAGAGAGATGTGTTTCCCTAAGGTGAATGAGCAGGTGA 1260
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1381 AGATGATTTTGAATCTGCTGTGATCGAGATTAATGCTTATGGCTTCTATATGGCAGT 1440
1441 TCCGCGCTTGGCAGGTCAAGAAAGACATTTGGCGGATGAAACTTCTCTACCTGACCT 1500
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1501 GCAACCCCAAGCAACTTCTGTTGCTCTTTGATTAACGGTGGCGGAGACAAAGTCGG 1560
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1561 GAAACTTGGAGTGTGTAAGAAACAGTAAACATGCGCTGCGATGGAAGAACCCAGAG 1620
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1801 ACTATCTTTATATTTGACTTTGTATGTCTCAGTTCCCTGGTCTTTTGTGATATTTGATCATATG 1860
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2221 TCATAGCAAACTGTATATTTAAATTTCTTTGTAATAATAA 2260

RESULT 50

US-10-016-177A-118
; Sequence 118, Application US/10016177A
; Publication No. US20030073131A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC90
; CURRENT APPLICATION NUMBER: US/10/016,177A
; CURRENT FILING DATE: 2002-04-30
; Prior application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624

; SEQ ID NO 118									
; LENGTH: 2260									
; TYPE: DNA									
; ORGANISM: Homo sapiens									
; FEATURES:									
; NAME/KEY: unsure									
; LOCATION: 209, 2026, 2033, 2055, 2074, 2078, 2086									
; OTHER INFORMATION: unknown base									
US-10-016-177A-118									
Query Match 99.7%; Score 2253; DB 15; Length 2260;									
Best Local Similarity 100.0%; Pred. No. 0;									
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;									
Qy	1	CGGACCGTGGTGGCGAGTGGAGCGAGACCGCGCTGAGGAGAGAGCGCGG	60						
Db	1	CGGACCGTGGTGGCGAGTGGAGCGAGACCGCGCTGAGGAGAGAGCGCGG	60						
Qy	61	GCTTAGTGTCTACGGGGTCCGGCGCGCCCTCCGAGGGGGCTCAGGAGAGGA	120						
Db	61	GCTTAGTGTCTACGGGGTCCGGCGCGCCCTCCGAGGGGGCTCAGGAGAGGA	120						
Qy	121	GGACCGTGGAGAAATGCTCTGCTGAGAGCTTGGCTCCGCTGCTCTCTGG	180						
Db	121	GGACCGTGGAGAAATGCTCTGCTGAGAGCTTGGCTCCGCTGCTCTCTGG	180						
Qy	181	TGGCAGTGGTTCGGGAACCGCGCCAGTGCAGGCAATCAGGGTGTAGCATCGGC	240						
Db	181	TGGCAGTGGTTCGGGAACCGCGCCAGTGCAGGCAATCAGGGTGTAGCATCGGC	240						
Qy	241	GTGAGCTGGGGTCTGTCACTATGGAATAACTGCGCTGTGCTACGGCTGGAGAA	300						
Db	241	GTGAGCTGGGGTCTGTCACTATGGAATAACTGCGCTGTGCTACGGCTGGAGAA	300						
Qy	301	ACAGCAAGGAGTCTGTGAAGCTACATCGAATCGAATGTAAGTTGGTGAAGTGG	360						
Db	301	ACAGCAAGGAGTCTGTGAAGCTACATCGAATCGAATGTAAGTTGGTGAAGTGG	360						
Qy	361	GACCAACAAATCAGATGCTTCCAGGATACACCGGAAACCTGCAATCAAGATGTA	420						
Db	361	GACCAACAAATCAGATGCTTCCAGGATACACCGGAAACCTGCAATCAAGATGTA	420						
Qy	421	ATGAGTGTGAATGAACCCCGCCATGCCACACAGATGCTGAATACACCGGAGCT	480						
Db	421	ATGAGTGTGAATGAACCCCGCCATGCCACACAGATGCTGAATACACCGGAGCT	480						
Qy	481	ACAAGTCTTTTGGCTCAGTGGCCACATGCTCATGCCAGATGCTAGTGTGAACTCTA	540						
Db	481	ACAAGTCTTTTGGCTCAGTGGCCACATGCTCATGCCAGATGCTAGTGTGAACTCTA	540						
Qy	541	GGACATGTGCATGATAACTGTCACTGAGTGCAGTGCAGACACAGAGGCGCACAGT	600						
Db	541	GGACATGTGCATGATAACTGTCACTGAGTGCAGTGCAGACACAGAGGCGCACAGT	600						
Qy	601	GCCTGTGTCCATCCTCAGGACTCCGCTCGCCCAATGGAAGAGACTGTCTAGATAATG	660						
Db	601	GCCTGTGTCCATCCTCAGGACTCCGCTCGCCCAATGGAAGAGACTGTCTAGATAATG	660						
Qy	661	ATGAATGTGCTCTGTAAAGTCACTGTCCCTACCAATCGAAGATGTGGAACATTTG	720						
Db	661	ATGAATGTGCTCTGTAAAGTCACTGTCCCTACCAATCGAAGATGTGGAACATTTG	720						
Qy	721	GAAGTACTACTGCAATGTCAATTTGGTTTGAATGCAATATATCATGTGACCATATG	780						
Db	721	GAAGTACTACTGCAATGTCAATTTGGTTTGAATGCAATATATCATGTGACCATATG	780						
Qy	781	ACTGTATAGATATATGATGATGATGATGATGATGATGATGATGATGATGATGATG	840						
Db	781	ACTGTATAGATATATGATGATGATGATGATGATGATGATGATGATGATGATGATG	840						
Qy	841	GCTTCAATATCCAGGGTCTCTCAAGTGTAAATGCAAGCAGGATATAAGCAATGGAC	900						
Db	841	GCTTCAATATCCAGGGTCTCTCAAGTGTAAATGCAAGCAGGATATAAGCAATGGAC	900						

Qy	901	TTGCGTGTCTCTATCCCTGAAATTTCTGTGAAGGAAGTCCCTCAGAGCACCTGGTACCA	960						
Db	901	TTGCGTGTCTCTATCCCTGAAATTTCTGTGAAGGAAGTCCCTCAGAGCACCTGGTACCA	960						
Qy	961	TCAAAGACAGAAATCAAGAGTTGCTTGTCTCAAAAAACAGCATCAAAAAAGGCAAAAA	1020						
Db	961	TCAAAGACAGAAATCAAGAGTTGCTTGTCTCAAAAAACAGCATCAAAAAAGGCAAAAA	1020						
Qy	1021	TTAAAAATGTTACCCACAGAACCCACAGGACTCTTCAACCTTAAGGTGAATTCAGGCCCT	1080						
Db	1021	TTAAAAATGTTACCCACAGAACCCACAGGACTCTTCAACCTTAAGGTGAATTCAGGCCCT	1080						
Qy	1081	TCAACTATGAGAGATAGTTTCCAGAGCGGGAATCTCATGGAGGTAAAAAGGGGAATG	1140						
Db	1081	TCAACTATGAGAGATAGTTTCCAGAGCGGGAATCTCATGGAGGTAAAAAGGGGAATG	1140						
Qy	1141	AAGAGAAATGAAAGAGGGCTTGAAGATGAGAAAGAGAGAAAGCCCTGAAAGATGA	1200						
Db	1141	AAGAGAAATGAAAGAGGGCTTGAAGATGAGAAAGAGAGAAAGCCCTGAAAGATGA	1200						
Qy	1201	CATAGAGGCGAAGCCCTGCGAGGAGATGCTTTTCCCTTAAGGTGAATGAAGCAGTGA	1260						
Db	1201	CATAGAGGCGAAGCCCTGCGAGGAGATGCTTTTCCCTTAAGGTGAATGAAGCAGTGA	1260						
Qy	1261	ATTGCGCTGATTCTGCTCCAAAGGAAAGCCCTAACTTCCAAACTGGAAACATAAAGATT	1320						
Db	1261	ATTGCGCTGATTCTGCTCCAAAGGAAAGCCCTAACTTCCAAACTGGAAACATAAAGATT	1320						
Qy	1321	AAATATCTGGTGTGACTGCGAGCTTCAATCATGGGATCTGTGACTGGAAACAGGATAGGA	1380						
Db	1321	AAATATCTGGTGTGACTGCGAGCTTCAATCATGGGATCTGTGACTGGAAACAGGATAGGA	1380						
Qy	1381	AGATGATTTTGACTGGAATCTGCTGATCGAGATAATGCTATTGGCTTCTATATGGCAGT	1440						
Db	1381	AGATGATTTTGACTGGAATCTGCTGATCGAGATAATGCTATTGGCTTCTATATGGCAGT	1440						
Qy	1441	TGCGGCTTGGCAGGTGCAAGAAAGACATTTGGCGGATGAAACTTCTCTACCTGACCT	1500						
Db	1441	TGCGGCTTGGCAGGTGCAAGAAAGACATTTGGCGGATGAAACTTCTCTACCTGACCT	1500						
Qy	1501	GCAACCCCAAGCAACTCTGTTTGTCTTTTGAATACCGGCTGGCCGGAGACAAAGTCGG	1560						
Db	1501	GCAACCCCAAGCAACTCTGTTTGTCTTTTGAATACCGGCTGGCCGGAGACAAAGTCGG	1560						
Qy	1561	GAACTTTCAGTGTGTTGTAAGAAACAGTAAACATGCTGCGATGGGAGAGACACAGAG	1620						
Db	1561	GAACTTTCAGTGTGTTGTAAGAAACAGTAAACATGCTGCGATGGGAGAGACACAGAG	1620						
Qy	1621	TGAGGATGAAAGTGAAGACAGGGAATAATTCAGTTGTATCAAGGAATGATGCTACCAA	1680						
Db	1621	TGAGGATGAAAGTGAAGACAGGGAATAATTCAGTTGTATCAAGGAATGATGCTACCAA	1680						
Qy	1681	AAGCATCATTTTTGAAGACAGAACGTGGCAAGGGCAAAAACCGCGGAAATTCGAGTGGATGG	1740						
Db	1681	AAGCATCATTTTTGAAGACAGAACGTGGCAAGGGCAAAAACCGCGGAAATTCGAGTGGATGG	1740						
Qy	1741	CGTCTGCTGTTTTCAGGCTTATGTCAGATAGCTTTTATCTGTGGATGACTGAATGTT	1800						
Db	1741	CGTCTGCTGTTTTCAGGCTTATGTCAGATAGCTTTTATCTGTGGATGACTGAATGTT	1800						
Qy	1801	ACTATCTTTATATTTGACTTTTATGTCAGTTTCCCTGTTTTTTTTTGAATTCATCATAG	1860						
Db	1801	ACTATCTTTATATTTGACTTTTATGTCAGTTTCCCTGTTTTTTTTTGAATTCATCATAG	1860						
Qy	1861	GACCTCTGCATTTTGAATTTACTAGCTGAAATAATTTGAATGTACCAACAGAAATTTAT	1920						
Db	1861	GACCTCTGCATTTTGAATTTACTAGCTGAAATAATTTGAATGTACCAACAGAAATTTAT	1920						
Qy	1921	TGTAAGATGCTTCTTGTATTAAGATATGCCAATAATTTGCTTTAAATATCATATCATCTGT	1980						
Db	1921	TGTAAGATGCTTCTTGTATTAAGATATGCCAATAATTTGCTTTAAATATCATATCATCTGT	1980						

QY 1981 ATCTCTCAGTCATTTCTGAATCTTTCCNCAATATATATAAATNTGGAANGTCAGTT 2040
DB 1981 ATCTCTCAGTCATTTCTGAATCTTTCCNCAATATATATAAATNTGGAANGTCAGTT 2040
QY 2041 TATCTCCCTCCTCNGTATATCTGAATTTGTATANGTANGTTGATGCTTCTCTACAA 2100
DB 2041 TATCTCCCTCCTCNGTATATCTGAATTTGTATANGTANGTTGATGCTTCTCTACAA 2100
QY 2101 CATTTCTAGAAAATAGAAAAAAGACACAGAGAAATGTTTAACTGTTTGACTCTTATGAT 2160
DB 2101 CATTTCTAGAAAATAGAAAAAAGACACAGAGAAATGTTTAACTGTTTGACTCTTATGAT 2160
QY 2161 ACTTCTTGGAACATAGACATCAAGATAGACTTTTGCCTTAAGTGCCTAGCTGGTCTTT 2220
DB 2161 ACTTCTTGGAACATAGACATCAAGATAGACTTTTGCCTTAAGTGCCTAGCTGGTCTTT 2220
QY 2221 TCATAGCCAACTTGATATATTTAACTTTTGTAAATAATAA 2260
DB 2221 TCATAGCCAACTTGATATATTTAACTTTTGTAAATAATAA 2260

RESULT 51

US-10-166-709A-118
; Sequence 118, Application US/10166709A
; Publication No. US20030104536A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrata, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary B.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC59
; CURRENT APPLICATION NUMBER: US/10166,709A
; CURRENT FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641

; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
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; PRIOR APPLICATION NUMBER: 60/078936
; PRIOR FILING DATE: 1998-03-20
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; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078939
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; PRIOR FILING DATE: 1998-03-25
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; PRIOR FILING DATE: 1998-03-31
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; PRIOR APPLICATION NUMBER: 60/080334
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/081070
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081049
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; PRIOR FILING DATE: 1998-04-08
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; PRIOR FILING DATE: 1998-04-08
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; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081229
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081955
; PRIOR FILING DATE: 1998-04-15
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; PRIOR APPLICATION NUMBER: 60/082568
; PRIOR FILING DATE: 1998-04-21

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9	PRIOR APPLICATION NUMBER: 60/082797
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38	PRIOR FILING DATE: 1998-05-05
39	PRIOR APPLICATION NUMBER: 60/084414
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58	PRIOR FILING DATE: 1998-05-13
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67	PRIOR APPLICATION NUMBER: 60/085689
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70	PRIOR FILING DATE: 1998-05-15
71	PRIOR APPLICATION NUMBER: 60/085580
72	PRIOR FILING DATE: 1998-05-15
73	PRIOR APPLICATION NUMBER: 60/085573

; PRIOR FILING DATE: 1998-05-15									
; PRIOR APPLICATION NUMBER: 60/085704									
; PRIOR FILING DATE: 1998-05-15									
; PRIOR APPLICATION NUMBER: 60/085697									
Query Match 99.7%; Score 2253; DB 15; Length 2260;									
Best Local Similarity 100.0%; Pred. No. 0;									
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;									
Qy	1	CGGACGCGTGGTGCAGTGGAGCGGAGACCCGACGGCTGAGGAGAGAGAGCGCGC	60						
Db	1	CGGACGCGTGGTGCAGTGGAGCGGAGACCCGACGGCTGAGGAGAGAGAGCGCGC	60						
Qy	61	GCTTAGCTGCTACGGGGTCCGGCGCGCGCCCTCCGAGGGGGCTCAGAGAGAGAAAG	120						
Db	61	GCTTAGCTGCTACGGGGTCCGGCGCGCGCCCTCCGAGGGGGCTCAGAGAGAGAAAG	120						
Qy	121	GGACCCGTCGAGAAATGCTCTGCCCTGGAGCGTTCGGCTCCCGCTGCTCTCTCTGG	180						
Db	121	GGACCCGTCGAGAAATGCTCTGCCCTGGAGCGTTCGGCTCCCGCTGCTCTCTCTGG	180						
Qy	181	TGGCAGGTGGTTTCGGGACCGCGGCAGTGCAGGGCATCACGGGTGTTAGCATCGGCAC	240						
Db	181	TGGCAGGTGGTTTCGGGACCGCGGCAGTGCAGGGCATCACGGGTGTTAGCATCGGCAC	240						
Qy	241	GTACGCTGGGGTCTGTCACTATGGAACTAAATGGCCCTGCTCACGCTGGAGAA	300						
Db	241	GTACGCTGGGGTCTGTCACTATGGAACTAAATGGCCCTGCTCACGCTGGAGAA	300						
Qy	301	ACAGCAAGGAGTCTGTGAGCTACATCGAACCTCGGATGAAGTTTGGTGAGTSCGTGG	360						
Db	301	ACAGCAAGGAGTCTGTGAGCTACATCGAACCTCGGATGAAGTTTGGTGAGTSCGTGG	360						
Qy	361	GACCAACAAATCAGATGCTTTCCAGGATACACCGGGAAAACTGCAGTCAAGATGGA	420						
Db	361	GACCAACAAATCAGATGCTTTCCAGGATACACCGGGAAAACTGCAGTCAAGATGGA	420						
Qy	421	ATGAGTGTGGAATGAAACCCCGGCCATGCCAACACAGATGCTGTAATACACACGGA	480						
Db	421	ATGAGTGTGGAATGAAACCCCGGCCATGCCAACACAGATGCTGTAATACACACGGA	480						
Qy	481	ACAAATGCTTTTGCTTCAGTGGCCACATGCTCATGCCAGATGCTACGTGTGTGA	540						
Db	481	ACAAATGCTTTTGCTTCAGTGGCCACATGCTCATGCCAGATGCTACGTGTGTGA	540						
Qy	541	GGACATGCGCAATGATAAATGTCAGTACAGTGTGAAACACAGAGAGAGGCGCAC	600						
Db	541	GGACATGCGCAATGATAAATGTCAGTACAGTGTGAAACACAGAGAGAGGCGCAC	600						
Qy	601	GCTGTGTCCATCTCTCAGGACTCCGCTCGCCCCCAATGGAAGAGAGCTGCTCAG	660						
Db	601	GCTGTGTCCATCTCTCAGGACTCCGCTCGCCCCCAATGGAAGAGAGCTGCTCAG	660						
Qy	661	ATGAATGCGCTCTGTGTAAGTCACTGTCCCTACAAATCGAAGATGTGTGAACAT	720						
Db	661	ATGAATGCGCTCTGTGTAAGTCACTGTCCCTACAAATCGAAGATGTGTGAACAT	720						
Qy	721	GAACTACTACTGCAAAATGTCACATGGTTTCGAACTGCAATATATCATGTGAC	780						
Db	721	GAACTACTACTGCAAAATGTCACATGGTTTCGAACTGCAATATATCATGTGAC	780						
Qy	781	ACTGTATAGATATAAATGAATGTAATGTAATGATGATGATGATGATGATGATG	840						
Db	781	ACTGTATAGATATAAATGAATGTAATGTAATGATGATGATGATGATGATGATG	840						
Qy	841	GCTTCAATACCCAGGGTCTCTCAAGTGTAAATGCAAGCGGATATAAGGCAAT	900						
Db	841	GCTTCAATACCCAGGGTCTCTCAAGTGTAAATGCAAGCGGATATAAGGCAAT	900						
Qy	901	TTGCGGTGTTCTGCTATCCCTGAAATTTCTGTGAAGGAGTCTCTCAGACAC	960						
Db	901	TTGCGGTGTTCTGCTATCCCTGAAATTTCTGTGAAGGAGTCTCTCAGACAC	960						

QY 961 TCAAGACAGAAATCAAGAGTGGTCTGCTCACAAGAACAGCATGAAGAAAGAGGCGAATA 1020
DB 961 TCAAGACAGAAATCAAGAGTGGTCTGCTCACAAGAACAGCATGAAGAAAGAGGCGAATA 1020
QY 1021 TTAAGAAATGTTTACCCAGAGAACCCACAGGAGTCTCTACCCCTCAAGGTGAATCTTGCAGCCCT 1080
DB 1021 TTAAGAAATGTTTACCCAGAGAACCCACAGGAGTCTCTACCCCTCAAGGTGAATCTTGCAGCCCT 1080
QY 1081 TCAACTATGAGAGATAGTCTTCCAGAGGCGGAACTCTCATGAGAGTGAAGAAAGGGAATG 1140
DB 1081 TCAACTATGAGAGATAGTCTTCCAGAGGCGGAACTCTCATGAGAGTGAAGAAAGGGAATG 1140
QY 1141 AAGAGAAATGAAGAGGGGCTTGAGAGATGAGAAAGAGAGAGAAAGCCCTCAAGAAATGA 1200
DB 1141 AAGAGAAATGAAGAGGGGCTTGAGAGATGAGAAAGAGAGAGAAAGCCCTCAAGAAATGA 1200
QY 1201 CATAGAGAGCGAAGCCCTGAGAGAGATGTTTTCCTTAAGGTGAATGAAGCAGGTGA 1260
DB 1201 CATAGAGAGCGAAGCCCTGAGAGAGATGTTTTCCTTAAGGTGAATGAAGCAGGTGA 1260
QY 1261 ATTGGGCTGATTCTGGTCCAAAGGAAAGCGCTAACTTCCAAACTGGAACATAAGATT 1320
DB 1261 ATTGGGCTGATTCTGGTCCAAAGGAAAGCGCTAACTTCCAAACTGGAACATAAGATT 1320
QY 1321 AAATATCTCGGTTGACTGACGCTTCAATCATGGAATCTGTGACTGGAACAGGATAGAG 1380
DB 1321 AAATATCTCGGTTGACTGACGCTTCAATCATGGAATCTGTGACTGGAACAGGATAGAG 1380
QY 1381 AGATGATTTTACGTTGAAATCTGCTGATCGAGATTAATGCTTATGGCTTCTATGGCAGT 1440
DB 1381 AGATGATTTTACGTTGAAATCTGCTGATCGAGATTAATGCTTATGGCTTCTATGGCAGT 1440
QY 1441 TCCGGCTTGGCAGGTGCAAGAAAGACATGGCCGATTGAACCTTCTCTACCTGACCT 1500
DB 1441 TCCGGCTTGGCAGGTGCAAGAAAGACATGGCCGATTGAACCTTCTCTACCTGACCT 1500
QY 1501 GCAACCCCAAGCAACTTCTGTTGCTTTGATTACCGGCTGCGCGAGACAAAGTCGG 1560
DB 1501 GCAACCCCAAGCAACTTCTGTTGCTTTGATTACCGGCTGCGCGAGACAAAGTCGG 1560
QY 1561 GAAACTTCGAGTGTGTGAAAAACAGTAAACAATGCTGCGATGGGAGAGAACACAGAG 1620
DB 1561 GAAACTTCGAGTGTGTGAAAAACAGTAAACAATGCTGCGATGGGAGAGAACACAGAG 1620
QY 1621 TGAGATGAAAGTGGAGAGACAGGAAATTCAGTTGATCAAGGAACTGATGCTACCAA 1680
DB 1621 TGAGATGAAAGTGGAGAGACAGGAAATTCAGTTGATCAAGGAACTGATGCTACCAA 1680
QY 1681 AAGCATCAATTTTGAAGCAGAACGTGGCAAGGGCAAAACCGCGAAATCGCAGTGGATGG 1740
DB 1681 AAGCATCAATTTTGAAGCAGAACGTGGCAAGGGCAAAACCGCGAAATCGCAGTGGATGG 1740
QY 1741 CGCTCTGCTGTTTTCAGGCTTATGTCAGATAGCTTTTATCTGTGATGACTGAATGTT 1800
DB 1741 CGCTCTGCTGTTTTCAGGCTTATGTCAGATAGCTTTTATCTGTGATGACTGAATGTT 1800
QY 1801 ACTATCTTTATATTTGACTTTGATGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1860
DB 1801 ACTATCTTTATATTTGACTTTGATGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1860
QY 1861 GACCTCTGGCAATTTAGAAATTTAGTGAATTTGATGATGATGATGATGATGATGATGATGAT 1920
DB 1861 GACCTCTGGCAATTTAGAAATTTAGTGAATTTGATGATGATGATGATGATGATGATGATGAT 1920
QY 1921 TGAAGATGCGCTTCTTCTGATAAGATGCGCAATTTGCTTTTAAATATCATATCACTGT 1980
DB 1921 TGAAGATGCGCTTCTTCTGATAAGATGCGCAATTTGCTTTTAAATATCATATCACTGT 1980
QY 1981 ATCTTCTGAGTCAATTTCTGAATCTTTCNCAATTTATATATAAATNTGGAAGTCAGTT 2040
DB 1981 ATCTTCTGAGTCAATTTCTGAATCTTTCNCAATTTATATAAATNTGGAAGTCAGTT 2040
QY 2041 TATCTCCCTCCTCNGTATATCTGATTTGTATANGTANGTANGTANGTANGTANGTANGTANGT 2100

DB 2041 TATCTCCCTCCTCNGTATATCTGATTTGTATANGTANGTANGTANGTANGTANGTANGTANGT 2100
QY 2101 CATTTCTAGAAAAATGAAAAAAGCAGAGAAATGTTTAACTGTTTGACTCTTTATGAT 2160
DB 2101 CATTTCTAGAAAAATGAAAAAAGCAGAGAAATGTTTAACTGTTTGACTCTTTATGAT 2160
QY 2161 ACTTCTTGGAAACTGATGACATCAAGATAGACTTTTGGCTTAAGTGGCTTAGCTGGTCTT 2220
DB 2161 ACTTCTTGGAACTGATGACATCAAGATAGACTTTTGGCTTAAGTGGCTTAGCTGGTCTT 2220
QY 2221 TCATAGCCAACTTGTATTTAATTTCTTTTGTAAATAA 2260
DB 2221 TCATAGCCAACTTGTATTTAATTTCTTTTGTAAATAA 2260

RESULT 52
US-10-143-031A-118
; Sequence 118, Application US/10143031A
; Publication No. US20030138439A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: KJavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C39
; CURRENT APPLICATION NUMBER: US/10/143,031A
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
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; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12

; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 118
; LENGTH: 2260
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: unsure
; LOCATION: 209, 2026, 2033, 2055, 2074, 2078, 2086
; OTHER INFORMATION: unknown base
US-10-143-031A-118

Query Match 99.7%; Score 2253; DB 15; Length 2260;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Db 1 CGACCGGTGGTGCAGTGGACGCGAGACCGGAGCGGCTGAGGAGAGAGCGCG 60
Qy 61 GCTTAGCTGTACGGGTGCGGCGCGCGCTCCGAGGGGGCTCAGGAGAGAGAG 120
Db 61 GCTTAGCTGTACGGGTGCGGCGCGCGCTCCGAGGGGGCTCAGGAGAGAGAG 120
Qy 121 GGACCGGTGCGAATGCTCTGCTGAGAGCTTGGCTCCCGTGTCTCTCTGG 180
Db 121 GGACCGGTGCGAATGCTCTGCTGAGAGCTTGGCTCCCGTGTCTCTCTGG 180
Qy 181 TGCAGGTGTTTCGGGAGCGCGCGCAGTGCAGGCAATCAGCGGTGTAGCATCGGCAC 240
Db 181 TGCAGGTGTTTCGGGAGCGCGCGCAGTGCAGGCAATCAGCGGTGTAGCATCGGCAC 240
Qy 241 GTCAGCTGGGGTCTGTCACTATGGAATAACTGGCTGTCTACCGGTGGAGAA 300
Db 241 GTCAGCTGGGGTCTGTCACTATGGAATAACTGGCTGTCTACCGGTGGAGAA 300
Qy 301 ACAGCAGGAGTCTGTGAAGTACATGCGAATCTGGATGAAGTGTGAGTCCG 360
Db 301 ACAGCAGGAGTCTGTGAAGTACATGCGAATCTGGATGAAGTGTGAGTCCG 360
Qy 361 GACCAAAATAATGAGATGCTTTCAGGATACACCGGAAAACTGCAAGTGTGA 420
Db 361 GACCAAAATAATGAGATGCTTTCAGGATACACCGGAAAACTGCAAGTGTGA 420
Qy 421 ATGAGTGTGAATGAACCCCGGCAATGCCACACAGATGTGATACACACGAGCT 480
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Qy 481 ACAAGTCTTTTGGCTCAGTGGCCACATGCTCATGCCAGATGCTAGTGTGA 540
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Qy 541 GGACATGTGCATGAATACTGTCACTAGTGTGAGACACAGAGAGGCGCACAGT 600
Db 541 GGACATGTGCATGAATACTGTCACTAGTGTGAGACACAGAGAGGCGCACAGT 600
Qy 601 GCCTGTGTCATCTCAGGACTCGGCTGGCCCAATGGAAGACTGTCTAGATAT 660
Db 601 GCCTGTGTCATCTCAGGACTCGGCTGGCCCAATGGAAGACTGTCTAGATAT 660
Qy 661 ATGAATGTGCTCTGTAAGTCACTGTCCCTTACATGAGATGTGAAACATTTG 720
Db 661 ATGAATGTGCTCTGTAAGTCACTGTCCCTTACATGAGATGTGAAACATTTG 720
Qy 721 GAAGCTACTACTGCAATGTCACTGTTTTCGAATGCAATATATCAGTGACGAT 780
Db 721 GAAGCTACTACTGCAATGTCACTGTTTTCGAATGCAATATATCAGTGACGAT 780
Qy 781 ACTGTATAGATATAATGAATGTCTATGATAGCAATAGTGCAGCCACCAAT 840
Db 781 ACTGTATAGATATAATGAATGTCTATGATAGCAATAGTGCAGCCACCAAT 840
Qy 841 GCTTCAATACCAAGGTCCTTCAAGTGTAAATGCGACGAGGATATAAGGCAATGGAC 900

Db 841 GCTTCAATACCAAGGTCCTTCAAGTGTAAATGCGACGAGGATATAAGGCAATGGAC 900
Qy 901 TTCGGTGTTCGCTATCCCTGAAAATTCCTGGAAGAGTCTCTCAGAGCAGCTGTACCA 960
Db 901 TTCGGTGTTCGCTATCCCTGAAAATTCCTGGAAGAGTCTCTCAGAGCAGCTGTACCA 960
Qy 961 TCAAGACAGAAATCAAGAGTGTCTGCTCAAAAAACAGCATGAAAAAGAGCAAAAA 1020
Db 961 TCAAGACAGAAATCAAGAGTGTCTGCTCAAAAAACAGCATGAAAAAGAGCAAAAA 1020
Qy 1021 TTAATAATGTTACCCAGAACCCACCGACTCTCACCCTTAAGGTGAATCTTGAGCCCT 1080
Db 1021 TTAATAATGTTACCCAGAACCCACCGACTCTCACCCTTAAGGTGAATCTTGAGCCCT 1080
Qy 1081 TCAACTATGAGAGATAGTTTCCAGAGCGGGAATCTCATGAGGTAAAAAGAGGAATG 1140
Db 1081 TCAACTATGAGAGATAGTTTCCAGAGCGGGAATCTCATGAGGTAAAAAGAGGAATG 1140
Qy 1141 AAGAGAAATGAAAGAGGGCTTGAAGATGAGAAAGAGAGAAAGCCCTGGAAGATGA 1200
Db 1141 AAGAGAAATGAAAGAGGGCTTGAAGATGAGAAAGAGAGAAAGCCCTGGAAGATGA 1200
Qy 1201 CATAGAGGAGCGAGCGCTCGAGGAGATGCTTTTCCCTAAGGTGAATGAAGCAGGTGA 1260
Db 1201 CATAGAGGAGCGAGCGCTCGAGGAGATGCTTTTCCCTAAGGTGAATGAAGCAGGTGA 1260
Qy 1261 ATTCCGCTGTATCTGGTCCAAAGGAAAGCGCTAACTTCCAACTGGAAATAAAGATT 1320
Db 1261 ATTCCGCTGTATCTGGTCCAAAGGAAAGCGCTAACTTCCAACTGGAAATAAAGATT 1320
Qy 1321 AATATCTCGGTGACTGAGCTTCAATCATGGATCTGTGACTGGAAACAGGATAGAGA 1380
Db 1321 AATATCTCGGTGACTGAGCTTCAATCATGGATCTGTGACTGGAAACAGGATAGAGA 1380
Qy 1381 AGATGATTTTGAATGGAATCTGCTGATGAGATTAATCTATTTGGCTTCTATATGGCAGT 1440
Db 1381 AGATGATTTTGAATGGAATCTGCTGATGAGATTAATCTATTTGGCTTCTATATGGCAGT 1440
Qy 1441 TCCGGCTTGGCAGGTCAAGAAAGACATTTGGCCGATGAACTTCTTCTACCTGACCT 1500
Db 1441 TCCGGCTTGGCAGGTCAAGAAAGACATTTGGCCGATGAACTTCTTCTACCTGACCT 1500
Qy 1501 GCAACCCCAAGCAACTTCTTGTGCTTCTTGTATACCGGCTGGCCGAGACAAAGTCGG 1560
Db 1501 GCAACCCCAAGCAACTTCTTGTGCTTCTTGTATACCGGCTGGCCGAGACAAAGTCGG 1560
Qy 1561 GAAACTTCGAGTGTGTGAAAAACAGTAACTGCTGCTGCAATGGGAGAGACCAAG 1620
Db 1561 GAAACTTCGAGTGTGTGAAAAACAGTAACTGCTGCTGCAATGGGAGAGACCAAG 1620
Qy 1621 TGAGGATGAAAGTGAAGACAGGGAATTCAGTGTGATCAAGGAACTGATGCTACCAA 1680
Db 1621 TGAGGATGAAAGTGAAGACAGGGAATTCAGTGTGATCAAGGAACTGATGCTACCAA 1680
Qy 1681 AAGCATCAATTTTGAAGCAGAACGTTGGCAAGGGCAAAACCGGCGGAAATCGCAGTGGATGG 1740
Db 1681 AAGCATCAATTTTGAAGCAGAACGTTGGCAAGGGCAAAACCGGCGGAAATCGCAGTGGATGG 1740
Qy 1741 CGTCTGCTTGTTCAGGCTTATGCTCAGATAGCTTTTATCTGTGGATGACTGAAATGTT 1800
Db 1741 CGTCTGCTTGTTCAGGCTTATGCTCAGATAGCTTTTATCTGTGGATGACTGAAATGTT 1800
Qy 1801 ACTATCTTTATATTTGACTTTGTATGTCAAGTTCCTGCTTTTGTGATTTGATGATATAG 1860
Db 1801 ACTATCTTTATATTTGACTTTGTATGTCAAGTTCCTGCTTTTGTGATTTGATGATATAG 1860
Qy 1861 GACCTCTGCAATTTAGATTTACTAGCTGAAATTTGAAATGTAATGTAACCAAGAAATTTAT 1920
Db 1861 GACCTCTGCAATTTAGATTTACTAGCTGAAATTTGAAATGTAATGTAACCAAGAAATTTAT 1920
Qy 1921 TGAAGATGCTTTCTTGTATGAAGATATGCAATTTTCTTTAAATATCATCATCTGT 1980

1921 TGTAAGTGCCTTCTTGTATAGATATGCAATATTGCTTTAAATATCATATCACTGT 1980
1991 ATCTTCTCAGTCATTCGTAATCTTCCNCATTAATATAAATGGAANGTCAGTT 2040
1981 ATCTTCTCAGTCATTCGTAATCTTCCNCATTAATATAAATGGAANGTCAGTT 2040
2041 TATCTCCCTCCTCNGTATATCTGATTTGTATANGTANGTCTCTCTCTACAA 2100
2041 TATCTCCCTCCTCNGTATATCTGATTTGTATANGTANGTCTCTCTCTACAA 2100
2101 CATTTCTAGAAAAATAGAAAAAGACAGAGAAATGTTAACTGTTTGAATCTTATGAT 2160
2101 CATTTCTAGAAAAATAGAAAAAGACAGAGAAATGTTAACTGTTTGAATCTTATGAT 2160
2161 ACTTCTTGGAACATATGACATCAAGATAGACTTTTGCCTTAAGTGGCTTAGCTGGTCTT 2220
2161 ACTTCTTGGAACATATGACATCAAGATAGACTTTTGCCTTAAGTGGCTTAGCTGGTCTT 2220
2221 TCATAGCCAAACTTGTATATTAAATCTTTCTGTAATAATAA 2260
2221 TCATAGCCAAACTTGTATATTAAATCTTTCTGTAATAATAA 2260

RESULT 53

US-10-143-030A-118
; Sequence 118, Application US/10143030A
; Publication No. US20030147901A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C33
; CURRENT APPLICATION NUMBER: US/10/143,030A
; CURRENT FILING DATE: 2002-08-27
; PRIOR APPLICATION NUMBER: 09/918595
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632

;; PRIOR FILING DATE: 1998-03-11
;; PRIOR APPLICATION NUMBER: 60/077641
;; PRIOR FILING DATE: 1998-03-11
;; PRIOR APPLICATION NUMBER: 60/077649
;; PRIOR FILING DATE: 1998-03-11
;; PRIOR APPLICATION NUMBER: 60/077791
;; PRIOR FILING DATE: 1998-03-12
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 624
;; SEQ ID NO 118
;; LENGTH: 2260
;; TYPE: DNA
;; ORGANISM: Homo sapiens
;; FEATURE:
;; NAME/KEY: unsure
;; LOCATION: 2009, 2026, 2033, 2055, 2074, 2078, 2086
;; OTHER INFORMATION: unknown base
US-10-143-030A-118

Query Match 99.7%; Score 2253; DB 15; Length 2260;
Best Local Similarity 100.0%; Pred. No. 0; Mismatches 0; Indels 0; Gaps 0;
Matches 2260; Conservative 0;

QY 1 CGGACGCGTGGGTGCGAGTGGAGCGGAGGACCGAGCGGCTGAGGAGAGAGAGGCGCG 60
Db 1 CGGACGCGTGGGTGCGAGTGGAGCGGAGGACCGAGCGGCTGAGGAGAGAGAGGCGCG 60
QY 61 GCTTAGCTGTACGGGTCCGGCCGGCCCTCCCGAGGGGGCTCAGGAGGAGGAGGA 120
Db 61 GCTTAGCTGTACGGGTCCGGCCGGCCCTCCCGAGGGGGCTCAGGAGGAGGAGGA 120
QY 121 GGACCCGTGCGAGAAATGCCTCTGCGCTGGAGCGCTTGGCGCTCCCGCTGCTCTCTGGG 180
Db 121 GGACCCGTGCGAGAAATGCCTCTGCGCTGGAGCGCTTGGCGCTCCCGCTGCTCTCTGGG 180
QY 181 TGGCAGGTGGTTTGGGAAACCGGCCAGTCAGGAGTCAAGGATCAAGGTTGTTAGCATCGGCAC 240
Db 181 TGGCAGGTGGTTTGGGAAACCGGCCAGTCAGGAGTCAAGGATCAAGGTTGTTAGCATCGGCAC 240
QY 241 GTCAGCCTGGGGTCTGTCACTATGAACTAAACTGGCTGCTGCTCTGCTGCTGAGAGAA 300
Db 241 GTCAGCCTGGGGTCTGTCACTATGAACTAAACTGGCTGCTGCTGCTGCTGAGAGAA 300
QY 301 ACAGCAGGGAGTCTGTGAAGTACATGCGAAGTCTGATGATGATGATGATGATGATGATG 360
Db 301 ACAGCAGGGAGTCTGTGAAGTACATGCGAAGTCTGATGATGATGATGATGATGATG 360
QY 361 GACCAACAAATGAGATGCTTCCAGGATACACCGGAGAAACCTGCGAGTCAAGATGTGA 420
Db 361 GACCAACAAATGAGATGCTTCCAGGATACACCGGAGAAACCTGCGAGTCAAGATGTGA 420
QY 421 ATGAGTGTGAATGAAACCCCGGCCATGCGAAGTGTGAATGATGATGATGATGATGATG 480
Db 421 ATGAGTGTGAATGAAACCCCGGCCATGCGAAGTGTGAATGATGATGATGATGATG 480
QY 481 ACAAGTGTGCTTGGCTCAGTGGCCACATGCTCATGCGAGATGCTGCTGCTGCTGCTG 540
Db 481 ACAAGTGTGCTTGGCTCAGTGGCCACATGCTCATGCGAGATGCTGCTGCTGCTGCTG 540
QY 541 GGACATGTGCCATGATAAACTGTGTCAGTACAGCTGTGAAGACACAGAGAGAGGCGCACGT 600
Db 541 GGACATGTGCCATGATAAACTGTGTCAGTACAGCTGTGAAGACACAGAGAGAGGCGCACGT 600
QY 601 GCCTGTGTCATCTCAGAGCTCCGCTGCGCCCAATGGAAGAGAGTCTGTAGATATTG 660
Db 601 GCCTGTGTCATCTCAGAGCTCCGCTGCGCCCAATGGAAGAGAGTCTGTAGATATTG 660
QY 661 ATGAATGTGCTCTGCTTAAAGTCAATCTGCTCCCTCAATCGAAGATGTTGTAACATTTG 720
Db 661 ATGAATGTGCTCTGCTTAAAGTCAATCTGCTCCCTCAATCGAAGATGTTGTTGAACATTTG 720
QY 721 GAAGCTTACTGCAATGTCATGTTGTTTGAAGTCAATATATATGTCGAGAGATG 780
Db 721 GAAGCTTACTGCAATGTCATGTTGTTTGAAGTCAATATATATGTCGAGAGATG 780

721 GAAGCTACTGCAAAATGTCATTTGGTTTCGAACCTGCAATATATATCAGTGGAGCATATG 780
781 ACTGTATAGATATAATGAATGCTACTATGATAGCCTACATGCTGAGCCACCATGCGCAATT 840
781 ACTGTATAGATATAATGAATGCTACTATGATAGCCTACATGCTGAGCCACCATGCGCAATT 840
841 GCTTCAATACCAAGGGTCTTCAAGTGTAAATGCAAGCAGGATATAAGGCAATGCGC 900
841 GCTTCAATACCAAGGGTCTTCAAGTGTAAATGCAAGCAGGATATAAGGCAATGCGC 900
901 TTCGGTGTCTGCTATCCCTGAAATCTCTGTAAGCAAGTCTCTCAGAGCACCTGGTACCA 960
901 TTCGGTGTCTGCTATCCCTGAAATCTCTGTAAGCAAGTCTCTCAGAGCACCTGGTACCA 960
961 TCAAGACAGAAATCAAGAAAGTGTCTGCTCAAAAACAGCATGAAAGAGGCAAAA 1020
961 TCAAGACAGAAATCAAGAAAGTGTCTGCTCAAAAACAGCATGAAAGAGGCAAAA 1020
1021 TTAATAAATGTTACCCAGAACCCACAGAGCTCTTACCCCTTAAGTGAACCTTGCAGCCCT 1080
1021 TTAATAAATGTTACCCAGAACCCACAGAGCTCTTACCCCTTAAGTGAACCTTGCAGCCCT 1080
1081 TCAACTATGAAGAGATAGTTCCTCAGAGCGGGAACCTCTCATGGAGTTAAAAAGGGAATG 1140
1081 TCAACTATGAAGAGATAGTTCCTCAGAGCGGGAACCTCTCATGGAGTTAAAAAGGGAATG 1140
1141 AAGAGAAATGAAGAGGCTTGAAGATGAGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1200
1141 AAGAGAAATGAAGAGGCTTGAAGATGAGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1200
1201 CATAGAGGAGCGAAGCTCGAGGAGATGTTTTCCTTAAGGTGAATGAAGCAGGTGA 1260
1201 CATAGAGGAGCGAAGCTCGAGGAGATGTTTTCCTTAAGGTGAATGAAGCAGGTGA 1260
1261 ATTCCGCTGATTCGGTCAAAAGGAAAGCGCTAACTTCCAACTGGAACATAAAGATTT 1320
1261 ATTCCGCTGATTCGGTCAAAAGGAAAGCGCTAACTTCCAACTGGAACATAAAGATTT 1320
1321 AAATATCTCGGTTGACTGACGAGCTTCAATCATGGATCTGACTGCTGAAACAGAGATAGAGA 1380
1321 AAATATCTCGGTTGACTGACGAGCTTCAATCATGGATCTGACTGCTGAAACAGAGATAGAGA 1380
1381 AGATGATTTTGAATGGAATCCTCTGATCGAGATAATGCTATTTGGCTTCTATATGGCAGT 1440
1381 AGATGATTTTGAATGGAATCCTCTGATCGAGATAATGCTATTTGGCTTCTATATGGCAGT 1440
1441 TCCGCTCTGCGAGTTCACAGAAAGACATTTGCGGATTTGAACTTCTCTACCTGACCT 1500
1441 TCCGCTCTGCGAGTTCACAGAAAGACATTTGCGGATTTGAACTTCTCTACCTGACCT 1500
1501 GCAACCCCAAGCAACTTCTGTTGCTTTGATTAACCGCTGCGCGGAGACAAAGTCGG 1560
1501 GCAACCCCAAGCAACTTCTGTTGCTTTGATTAACCGCTGCGCGGAGACAAAGTCGG 1560
1561 GAACCTTCGAGTGTTCGTAAGAAACAGTAAACATGCTGGCATGCGAGAACACACAG 1620
1561 GAACCTTCGAGTGTTCGTAAGAAACAGTAAACATGCTGGCATGCGAGAACACACAG 1620
1621 TGAGGATGAAAGTGGAGAGACAGGAAATTCAGTTGTATCAAGGAACCTGCTACCAA 1680
1621 TGAGGATGAAAGTGGAGAGACAGGAAATTCAGTTGTATCAAGGAACCTGCTACCAA 1680
1681 AAGCATCAATTTTGAAGCAGACAGTGGCAAGGCAAAACCGGGAATCGCAGTGGATGG 1740
1681 AAGCATCAATTTTGAAGCAGACAGTGGCAAGGCAAAACCGGGAATCGCAGTGGATGG 1740
1741 CGCTTGTCTGTTTTCAGCTTATCTCAGATAGCCTTTTATCTGTGGATGACTGATGTT 1800
1741 CGCTTGTCTGTTTTCAGCTTATCTCAGATAGCCTTTTATCTGTGGATGACTGATGTT 1800
1801 ACTATCTTTATTTGACTTTGATGTCAGTTCCTGGTTTTTTTGAATTTGATTCATATAG 1860
1801 ACTATCTTTATTTGACTTTGATGTCAGTTCCTGGTTTTTTTGAATTTGATTCATATAG 1860

1861 GACCTCTGGCAATTTAGAAATCTAGCTGAAATTTGTAATGTAGTACCAACAGAAATATTAT 1920
1861 GACCTCTGGCAATTTAGAAATTTACTAGCTGAAATTTGTAATGTAGTACCAACAGAAATATTAT 1920
1921 TGTAAAGATGCGCTTTCTGTATAGATATGCAATATTTGCTTTTAAATATCATATCACTGT 1980
1921 TGTAAAGATGCGCTTTCTGTATAGATATGCAATATTTGCTTTTAAATATCATATCACTGT 1980
1981 ATCTTCTCAGTCATTTCTGAAATCTTTCCNCAATTAATATAATAATNTGGAANGTCAGTT 2040
1981 ATCTTCTCAGTCATTTCTGAAATCTTTCCNCAATTAATATAATAATNTGGAANGTCAGTT 2040
2041 TATCTCCCTCTCTCNGTATATCTGATTTGTATANGTANGTGTGATGCTTCTCTACAA 2100
2041 TATCTCCCTCTCTCNGTATATCTGATTTGTATANGTANGTGTGATGCTTCTCTACAA 2100
2101 CATTTCTAGAAAATAGAAAACCAAGAGATGTTTAACTGTTTGAATCTTATGAT 2160
2101 CATTTCTAGAAAATAGAAAACCAAGAGATGTTTAACTGTTTGAATCTTATGAT 2160
2161 ACTTCTTGGAACTATGACATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGGTCTT 2220
2161 ACTTCTTGGAACTATGACATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGGTCTT 2220
2221 TCATAGCCAAACTTGTATATTTAATTTCTTTCTTAATAATAA 2260
2221 TCATAGCCAAACTTGTATATTTAATTTCTTTCTTAATAATAA 2260

RESULT 54
US-10-002-967A-118
; Sequence 118, Application US/10002967A
; Publication No. US20030148373A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Hillan, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuc, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C72
; CURRENT FILING DATE: 2001-10-24
; PRIOR FILING DATE: 2001-07-30
; PRIOR FILING DATE: 1997-10-17
; PRIOR FILING DATE: 1997-11-03

;; PRIOR APPLICATION NUMBER: 60/085700
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085689
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085579
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085580
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085573
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085704
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 99.7%; Score 2253; DB 15; Length 2260;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGGACGGCTGGGTGCGAGTGGAGCGGAGGACCGGAGCGCTGAGGAGAGAGAGCGGCG 60
Db 1 CGGACGGCTGGGTGCGAGTGGAGCGGAGGACCGGAGCGCTGAGGAGAGAGAGCGGCG 60
Qy 61 GCTTAGCTGTACGGGCTCGGGCTCGGGCGGCCCTCCGAGGGGGGCTCAGGAGAGAGAGGA 120
Db 61 GCTTAGCTGTACGGGCTCGGGCTCGGGCGGCCCTCCGAGGGGGGCTCAGGAGAGAGAGGA 120
Qy 121 GGACCCGTGCGAGAACTGCTCTGCCCTGGAGCTTGGCTCCCGCTGCTGCTCTCTCTGG 180
Db 121 GGACCCGTGCGAGAACTGCTCTGCCCTGGAGCTTGGCTCCCGCTGCTGCTCTCTCTGG 180
Qy 181 TGGCAGGTGTTTCGGAAACCGGGCCAGTGCAGAGGCAATCAGCGGTTGTAGCATCGGCAC 240
Db 181 TGGCAGGTGTTTCGGAAACCGGGCCAGTGCAGAGGCAATCAGCGGTTGTAGCATCGGCAC 240
Qy 241 GTGAGCTGGGCTGTGCTATGAGTAACTGAGTAACTGAGTAACTGAGTAACTGAGTAA 300
Db 241 GTGAGCTGGGCTGTGCTATGAGTAACTGAGTAACTGAGTAACTGAGTAACTGAGTAA 300
Qy 301 ACAGCAAGGAGTGTGAGAGTACATGCGAACTCGAATGTAAGTTGGTGGTGGTGG 360
Db 301 ACAGCAAGGAGTGTGAGAGTACATGCGAACTCGAATGTAAGTTGGTGGTGGTGG 360
Qy 361 GACCAACCAATGAGTGTGAGTAACTGAGTAACTGAGTAACTGAGTAACTGAGTAA 420
Db 361 GACCAACCAATGAGTGTGAGTAACTGAGTAACTGAGTAACTGAGTAACTGAGTAA 420
Qy 421 ATGAGTGTGAAATGAAACCCCGGCTATGCCAACACAGATGTGTGAATACACAGGA 480
Db 421 ATGAGTGTGAAATGAAACCCCGGCTATGCCAACACAGATGTGTGAATACACAGGA 480
Qy 481 ACAAGTGTGTTGCTCAGTGGCCACATGCTCATGCGAGTGTGAGTGTGAGTGTG 540
Db 481 ACAAGTGTGTTGCTCAGTGGCCACATGCTCATGCGAGTGTGAGTGTGAGTGTG 540
Qy 541 GGACATGTGCATGATTAACCTGTGAGTAACTGAGTAACTGAGTAACTGAGTAACTG 600
Db 541 GGAATGTGCATGATTAACCTGTGAGTAACTGAGTAACTGAGTAACTGAGTAACTG 600
Qy 601 GCCTGTGTCATCTCAGGACTCGGCTCGGCGCCCAATGGAAGAGACTGTCTAGATATG 660
Db 601 GCCTGTGTCATCTCAGGACTCGGCTCGGCGCCCAATGGAAGAGACTGTCTAGATATG 660
Qy 661 ATGAGTGTGCTCTGGTAAAGTCACTGTCCCTACAACTGGAAGTGTGAAACACATTTG 720
Db 661 ATGAGTGTGCTCTGGTAAAGTCACTGTCCCTACAACTGGAAGTGTGAAACACATTTG 720
Qy 721 GAAGTACTACTGCAAAATGTCATGTTGGTTTGGAACTGCAATATATCAGTGGAGCATG 780
Db 721 GAAGTACTACTGCAAAATGTCATGTTGGTTTGGAACTGCAATATATCAGTGGAGCATG 780
Qy 781 ACTGTATAGATATAAATGAATGTAATGATGATGATGATGATGATGATGATGATGAT 840
Db 781 ACTGTATAGATATAAATGAATGTAATGATGATGATGATGATGATGATGATGATGAT 840

Qy 841 GCTTCAATACCAAGGGTCTTCAAGTGTAAATGCAAGCAGGGATATAAAGGCAATGGAC 900
Db 841 GCTTCAATACCAAGGGTCTTCAAGTGTAAATGCAAGCAGGGATATAAAGGCAATGGAC 900
Qy 901 TTCGGTGTCTCTATCCCTGAAAAATCTGTCAAGGAAGTCTCTCAGAGCACTTGGTACCA 960
Db 901 TTCGGTGTCTCTATCCCTGAAAAATCTGTGAAGGAAGTCTCTCAGAGCACTTGGTACCA 960
Qy 961 TCAAGACAGAAATCAAGAAAGTTGCTTCTCAAAAACAGCATGAAAAGAGCAAAAA 1020
Db 961 TCAAGACAGAAATCAAGAAAGTTGCTTCTCAAAAACAGCATGAAAAGAGCAAAAA 1020
Qy 1021 TTAATAATGTTACCCAGAACCCACAGGACTCTTACCCCTTAAGGTGAATCTTGACGCCCT 1080
Db 1021 TTAATAATGTTACCCAGAACCCACAGGACTCTTACCCCTTAAGGTGAATCTTGACGCCCT 1080
Qy 1081 TCAACTATCAAGAGATAGTTTCCAGGGGGAACTCTCATGAGGTTAAAAAGGGAATG 1140
Db 1081 TCAACTATCAAGAGATAGTTTCCAGGGGGAACTCTCATGAGGTTAAAAAGGGAATG 1140
Qy 1141 AAGAGAAATGAAGAGGGGCTTGAGATGAGAAAGAGAGAAAGCCCTGAAAGATGA 1200
Db 1141 AAGAGAAATGAAGAGGGGCTTGAGATGAGAAAGAGAGAAAGCCCTGAAAGATGA 1200
Qy 1201 CATAGAGGACGAGAGCTTCGAGGAGATGTGTTTTTCCCTAAGTGAATGAAGCAAGTGA 1260
Db 1201 CATAGAGGACGAGAGCTTCGAGGAGATGTGTTTTTCCCTAAGTGAATGAAGCAAGTGA 1260
Qy 1261 ATTCCGCTGATCTTGCTCCAAAGGAAAGCGCTAACTTCCAACTGGAACATATAAGATTT 1320
Db 1261 ATTCCGCTGATCTTGCTCCAAAGGAAAGCGCTAACTTCCAACTGGAACATATAAGATTT 1320
Qy 1321 AATATATCTCGGTTGACTGAGCTTCAATCATGGGATCTGTGACTGGAACACAGGATAGAGA 1380
Db 1321 AATATATCTCGGTTGACTGAGCTTCAATCATGGGATCTGTGACTGGAACACAGGATAGAGA 1380
Qy 1381 AGATGATTTGACTGAAATCTCTGCTGATGAGATTAATGCTATGCTTCTATATGCGAGT 1440
Db 1381 AGATGATTTGACTGAAATCTCTGCTGATGAGATTAATGCTATGCTTCTATATGCGAGT 1440
Qy 1441 TCAGGCTGTCGAGGTCACAGAAAGACATTTGCGCGATTTGAAACTTCTCTACCTGACCT 1500
Db 1441 TCAGGCTGTCGAGGTCACAGAAAGACATTTGCGCGATTTGAAACTTCTCTACCTGACCT 1500
Qy 1501 GAAACCCCAAGCACTTCTGTTGCTTTCATTAACCGGCTGCGCGAGCAAAAGTCGG 1560
Db 1501 GAAACCCCAAGCACTTCTGTTGCTTTCATTAACCGGCTGCGCGAGCAAAAGTCGG 1560
Qy 1561 GAAACTTCGAGTGTGTTGTAAGAAACAGTAACTGCGCTGCGATGCGGAGAGACACCGAG 1620
Db 1561 GAAACTTCGAGTGTGTTGTAAGAAACAGTAACTGCGCTGCGATGCGGAGAGACACCGAG 1620
Qy 1621 TGAGGATGAAAGTGAAGACAGGAGAAATTCAGTTGTTATCAAGAACTGATGCTACCA 1680
Db 1621 TGAGGATGAAAGTGAAGACAGGAGAAATTCAGTTGTTATCAAGAACTGATGCTACCA 1680
Qy 1681 AAGCATCATTTTGAAGCAGAACGTGCGCAAGGCAAAACCGGCGAAATCGCAGTGGATGG 1740
Db 1681 AAGCATCATTTTGAAGCAGAACGTGCGCAAGGCAAAACCGGCGAAATCGCAGTGGATGG 1740
Qy 1741 CGTCTGCTGTTTTCAGGCTTATGTCAGATAGCCCTTTTATCTGCGATGACTGAATGTT 1800
Db 1741 CGTCTGCTGTTTTCAGGCTTATGTCAGATAGCCCTTTTATCTGCGATGACTGAATGTT 1800
Qy 1801 ACTATCTTTATATTTGACTTTGATGTCAGTTTCCCTGGTTTTTTTTTGTATTTGCATCATAG 1860
Db 1801 ACTATCTTTATATTTGACTTTGATGTCAGTTTCCCTGGTTTTTTTTTGTATTTGCATCATAG 1860
Qy 1861 GACCTCTGGCAATTTAGAAATTAAGTCACTAGCTGAAAAATTTGTAATGTACCAACAGAAATATTAT 1920
Db 1861 GACCTCTGGCAATTTAGAAATTAAGTCACTAGCTGAAAAATTTGTAATGTACCAACAGAAATATTAT 1920

Qy	1921	TGTAAGATGCCCTCTTCTTGTAATAGCAATATTTGCTTTAAATATCATATCATCTGT	1980
Db	1921	TGTAAGATGCCCTCTTCTTGTAATAGCAATATTTGCTTTAAATATCATATCATCTGT	1980
Qy	1981	ATCTCTCTCAGTCATTTCTGGAATCTTTCCNCAATTATATATATAAAANTGGAAANGTCAGTT	2040
Db	1981	ATCTCTCTCAGTCATTTCTGGAATCTTTCCNCAATTATATATATAAAANTGGAAANGTCAGTT	2040
Qy	2041	TATCTCCCTCCTCNGTATATCTGATTTGTATATANGTTCATGNGCTTCTCTCTCAAA	2100
Db	2041	TATCTCCCTCCTCNGTATATCTGATTTGTATATANGTTCATGNGCTTCTCTCTCAAA	2100
Qy	2101	CATTTCTTAGAAAAATAGAAAAAAGACACAGAGAAATGTTTAACTGTTTGACTCTTATGAT	2160
Db	2101	CATTTCTTAGAAAAATAGAAAAAAGACACAGAGAAATGTTTAACTGTTTGACTCTTATGAT	2160
Qy	2161	ACTTCTTCTGGAACATATGACATCAAGATAGACTTTTGCCCTAAAGTGCCTTAGCTGGTCTT	2220
Db	2161	ACTTCTTCTGGAACATATGACATCAAGATAGACTTTTGCCCTAAAGTGCCTTAGCTGGTCTT	2220
Qy	2221	TCATAGCAAACTTGTATATTTAATTTCTTTGTAAATAATAA	2260
Db	2221	TCATAGCAAACTTGTATATTTAATTTCTTTGTAAATAATAA	2260

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RESULT 55
US-10-017-083A-118
; Sequence 118, Application US/10017083A
; Publication No. US20030148376A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630F1C87
; CURRENT APPLICATION NUMBER: US/10/017,083A
; CURRENT FILING DATE: 2001-10-24
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 118
; LENGTH: 2260
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: unsure
; LOCATION: 2009, 2026, 2033, 2055, 2074, 2078, 2086
; OTHER INFORMATION: unknown base
US-10-017-083A-118

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Query Match	99.7%;	Score 2253;	DB 15;	Length 2260;
Best Local Similarity	100.0%;	Mism. No. 0;		
Matches 2260;	Conservative 0;	Predmatch 0;	Indels 0;	Gaps 0;
QY	1	CGGACCGGTGGGTGCGAGTGGAGCGGAGGACCCGAGCGCGCTGAGGAGAGGAGGCGGCG	60	
DB	1	CGGACGCGTGGGTGCGAGTGGAGCGGAGGACCCGAGCGCGCTGAGGAGAGGAGGCGGCG	60	
QY	61	GCTTAGCTGTACGGGGTCCGGCCGGCCCTCCGAGGGGGCTCAGGAGGAGGAGGA	120	
DB	61	GCTTAGCTGTACGGGGTCCGGCCGGCCCTCCGAGGGGGCTCAGGAGGAGGAGGA	120	
QY	121	GGACCCGTGGAGAAATGCTCTGCTCCCTTGAGACCTTGGCGCTCCCGCTGCTGCTCTCTCTGG	180	
DB	121	GGACCCGTGGAGAAATGCTCTGCTCCCTTGAGACCTTGGCGCTCCCGCTGCTGCTCTCTCTGG	180	
QY	181	TGGCAGGTGCTTTCGGGAACGGGGCCAGTGCAGGCAATCAGGGTGTGTAGCATCGGCAC	240	
DB	181	TGGCAGGTGCTTTCGGGAACGGGGCCAGTGCAGGCAATCAGGGTGTGTAGCATCGGCAC	240	
QY	241	GTCAGCTGGGGTCTGTCACTATGGAACTAAACTGGCTGTCTGCTGCGGTGGAGAGAA	300	
DB	241	GTCAGCTGGGGTCTGTCACTATGGAACTAAACTGGCTGTCTGCTGCGGTGGAGAGAA	300	
QY	301	ACAGCAGGGAGTCTGTGAAGCTACATGCGAACCTGGATGAAGTTGGTGCAGTGCCTGG	360	
DB	301	ACAGCAGGGAGTCTGTGAAGCTACATGCGAACCTGGATGAAGTTGGTGCAGTGCCTGG	360	
QY	361	GACCAAAACAAATGCGATGCTTCCAGGATACACCGGGAAACCTGCGAGTCAAGATGGA	420	
DB	361	GACCAAAACAAATGCGATGCTTCCAGGATACACCGGGAAACCTGCGAGTCAAGATGGA	420	
QY	421	ATGAGTGTGGAAATGAAACCCCGCCATGCCACACAGATGTGTGAATACACACCGGAAGCT	480	
DB	421	ATGAGTGTGGAAATGAAACCCCGCCATGCCACACAGATGTGTGAATACACACCGGAAGCT	480	
QY	481	ACAAAGTCTTTTGCTCAGTGGCCACATGCTCATGCCAGATGCTACGFTGTGAACCTCTA	540	
DB	481	ACAAAGTCTTTTGCTCAGTGGCCACATGCTCATGCCAGATGCTACGFTGTGAACCTCTA	540	
QY	541	GGACATGTGCCATGATAAATGTGCTGACAGTGTGTGAAGACACAGAAAGGGCCACAGT	600	
DB	541	GGACATGTGCCATGATAAATGTGCTGACAGTGTGTGAAGACACAGAAAGGGCCACAGT	600	
QY	601	GCGTGTGTCCATCTCCAGGACTCCGCTCGGCCCCAAATGGAGAGAGCTGTCTAGATATTG	660	
DB	601	GCGTGTGTCCATCTCCAGGACTCCGCTCGGCCCCAAATGGAGAGAGCTGTCTAGATATTG	660	
QY	661	ATGAATGTGCTCTGTGAAGTCAATCTGTCCCTACAAATCGGAAGATGTGTGAACACATTG	720	
DB	661	ATGAATGTGCTCTGTGAAGTCAATCTGTCCCTACAAATCGGAAGATGTGTGAACACATTG	720	
QY	721	GAAGCTACTACTGCAAAATGTCAATGTTTGGAACTGCAATATCATAGTGGAGATG	780	
DB	721	GAAGCTACTACTGCAAAATGTCAATGTTTGGAACTGCAATATCATAGTGGAGATG	780	
QY	781	ACTGTATAGATATAAATGAATGTACTATGATAGCCATACGTGCGACCAACATGCCAATT	840	
DB	781	ACTGTATAGATATAAATGAATGTACTATGATAGCCATACGTGCGACCAACATGCCAATT	840	
QY	841	GCTTCAATACCCAAAGGTCCTTCAAGTGTAAATGCAAGCAGGGATATAAAGGCAATGGAC	900	
DB	841	GCTTCAATACCCAAAGGTCCTTCAAGTGTAAATGCAAGCAGGGATATAAAGGCAATGGAC	900	
QY	901	TTTCGGTGTCTGCTATCCCTGAAAAATTCGTGGAAGGAAGTCCCTCAGAGCACTGTGTACCA	960	
DB	901	TTTCGGTGTCTGCTATCCCTGAAAAATTCGTGGAAGGAAGTCCCTCAGAGCACTGTGTACCA	960	
QY	961	TCAAGAAGAGAAATCAAGAGTGTGCTGTCTCAAAAAAGAGTGAAGAGGCGCAAAA	1020	
DB	961	TCAAGAAGAGAAATCAAGAGTGTGCTGTCTCAAAAAAGAGTGAAGAGGCGCAAAA	1020	

QY 1021 TTAATAATGTTACCCAGAACCCACAGAGATCTCTACCCCTTAAGTGAACCTTGAGCCCT 1080
DB 1021 TTAATAATGTTACCCAGAACCCACAGAGATCTCTACCCCTTAAGTGAACCTTGAGCCCT 1080
QY 1081 TCAACTATCAAGAGATAGTTTTCAGAGGCGGAACTCTCATGAGGTAAAAAGGGAATG 1140
DB 1081 TCAACTATCAAGAGATAGTTTTCAGAGGCGGAACTCTCATGAGGTAAAAAGGGAATG 1140
QY 1141 AGAGAAATGAAGAGGGCTTGAGATGAGAAAAGAGAGAAAGCCCTGAGAGATGA 1200
DB 1141 AGAGAAATGAAGAGGGCTTGAGATGAGAAAAGAGAGAAAGCCCTGAGAGATGA 1200
QY 1201 CATAGAGGAGCAAGCTCTCGAGGAGATGTGTTTTCCCTAAGGTGAATGAAGCAGGTGA 1260
DB 1201 CATAGAGGAGCAAGCTCTCGAGGAGATGTGTTTTCCCTAAGGTGAATGAAGCAGGTGA 1260
QY 1261 ATTCCGCCGTGATTCGTGTCGTAAGGAAAGCGTAACTTCCCAAACTGGAACATAAGATTT 1320
DB 1261 ATTCCGCCGTGATTCGTGTCGTAAGGAAAGCGTAACTTCCCAAACTGGAACATAAGATTT 1320
QY 1321 AAATATCTCGGTTGACTGAGCTTCAATCATGGATCTGTGACTGGAACAGGATAGAGA 1380
DB 1321 AAATATCTCGGTTGACTGAGCTTCAATCATGGATCTGTGACTGGAACAGGATAGAGA 1380
QY 1381 AGATGATTTTACTGGAATCCTGCTGATCGAGATAATGCTATTGGCTTCTATATGGCAGT 1440
DB 1381 AGATGATTTTACTGGAATCCTGCTGATCGAGATAATGCTATTGGCTTCTATATGGCAGT 1440
QY 1441 TCCGCCCTTGGCAGGTCAAGAGAGACATTCGCGATGGAACCTTCTCCACCTGACCT 1500
DB 1441 TCCGCCCTTGGCAGGTCAAGAGAGACATTCGCGATGGAACCTTCTCCACCTGACCT 1500
QY 1501 GCAACCCCAAGCAACTTCTGTTGCTCTTTGATTACCGGCTGGCGGAGACAAAGTCGG 1560
DB 1501 GCAACCCCAAGCAACTTCTGTTGCTCTTTGATTACCGGCTGGCGGAGACAAAGTCGG 1560
QY 1561 GAACCTCGAGTGTGTAAGAACAGTAACTGCGCTGCGATGCGAGAGACACAGAG 1620
DB 1561 GAACCTCGAGTGTGTAAGAACAGTAACTGCGCTGCGATGCGAGAGACACAGAG 1620
QY 1621 TGAGGATGAAAGTGAAGACAGGGAATTCAGTTGTATCAAGAACTGTATGCTTACCAA 1680
DB 1621 TGAGGATGAAAGTGAAGACAGGGAATTCAGTTGTATCAAGAACTGTATGCTTACCAA 1680
QY 1681 AAGCATATTTTGAAGCAGACGTCGCAAGGGCAAAACCGCGAAATCGCAGTGGATGG 1740
DB 1681 AAGCATATTTTGAAGCAGACGTCGCAAGGGCAAAACCGCGAAATCGCAGTGGATGG 1740
QY 1741 CGTCTGCTGTTTCAGGCTTATGTCAGATAGCTTTTATCTGTGATGACTGAATGTT 1800
DB 1741 CGTCTGCTGTTTCAGGCTTATGTCAGATAGCTTTTATCTGTGATGACTGAATGTT 1800
QY 1801 ACTATCTTTATATGACTTTGATGTCAGTCCCTGGTTTTTTTGAATTCATCATCATAG 1860
DB 1801 ACTATCTTTATATGACTTTGATGTCAGTCCCTGGTTTTTTTGAATTCATCATCATAG 1860
QY 1861 GACCTCTGGATTTTGAATTAAGTAACTAGTGAATGTAATGTATGACCAAGAAATATTAT 1920
DB 1861 GACCTCTGGATTTTGAATTAAGTAACTAGTGAATGTAATGTATGACCAAGAAATATTAT 1920
QY 1921 TGTAAAGTGCCTTCTGTTGTAAGATATGCAATATTTGCTTTAAATATCATATCACTGT 1980
DB 1921 TGTAAAGTGCCTTCTGTTGTAAGATATGCAATATTTGCTTTAAATATCATATCACTGT 1980
QY 1981 ATCTTCTCAGTCATTTCTGATCTTCCNCAATATATTAATNTGGAANGTCAGTT 2040
DB 1981 ATCTTCTCAGTCATTTCTGATCTTCCNCAATATATTAATNTGGAANGTCAGTT 2040
QY 2041 TATCTCCCTCTCNGTATATCTGATTTGTATANGTANGTGTGATNGCTTCTCTACAA 2100
DB 2041 TATCTCCCTCTCNGTATATCTGATTTGTATANGTANGTGTGATNGCTTCTCTACAA 2100
QY 2101 CATTTCTAGAAATAGAAAAAAGACAGAGAAATGTTTAACTGTTGACTCTTATGAT 2160

RESULT 56

US-10-145-128A-118
; Sequence 118, Application US/10145128A
; Publication No. US20030157613A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas P.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC46
; CURRENT APPLICATION NUMBER: US/10/145,128A
; PRIOR FILING DATE: 2002-10-01
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 118
; LENGTH: 2260

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; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: unsure
; LOCATION: 2009, 2026, 2033, 2055, 2074, 2078, 2086
; OTHER INFORMATION: unknown base
US-10-145-128A-118

Query Match      99.7%; Score 2253; DB 15; Length 2260;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CCGACGCTGCGTGCAGATGAGCGGAGACCCGAGCGCTGAGGAGAGAGAGCGCGG 60
D 1 CCGACGCTGCGTGCAGATGAGCGGAGACCCGAGCGCTGAGGAGAGAGAGCGCGG 60
QY 61 GCTTAGCTGCTACCGGGTCCGGCGCGCTCCCGAGGGGGGCTCAGAGAGAGAG 120
D 61 GCTTAGCTGCTACCGGGTCCGGCGCGCTCCCGAGGGGGGCTCAGAGAGAGAG 120
QY 121 GGACCCGTGCGAGATGCTCTGCGCTGGAGCCTTGGGCTCCCGCTGCTCTCTCGG 180
D 121 GGACCCGTGCGAGATGCTCTGCGCTGGAGCCTTGGGCTCCCGCTGCTCTCTCGG 180
QY 181 TGGCAGGTGCTTCCGGAAACCGCGCGAGTGCAAGCAATCAAGGCTTGTAGCATCGG 240
D 181 TGGCAGGTGCTTCCGGAAACCGCGCGAGTGCAAGGCAATCAAGGCTTGTAGCATCGG 240
QY 241 GTGACGCTGGGGTCTGTCACTATGGAATCAACTAACTGGGCTGCTGCTACGGCTGGAGAGAA 300
D 241 GTGACGCTGGGGTCTGTCACTATGGAATCAACTAACTGGGCTGCTGCTACGGCTGGAGAGAA 300
QY 301 ACAGCAAGGAGTCTGTGAAGCTACATCGGAACTCGATGATTAAGTTGTGAGTGGCGTGG 360
D 301 ACAGCAAGGAGTCTGTGAAGCTACATCGGAACTCGATGATTAAGTTGTGAGTGGCGTGG 360
QY 361 GACCAACAAATCAGATGCTTTCAGATACACCGGGAACCTGCAGTCAAGATGTCA 420
D 361 GACCAACAAATCAGATGCTTTCAGATACACCGGGAACCTGCAGTCAAGATGTCA 420
QY 421 ATGAGTGTGAATGAACCCCGGCGATGCCAACACAGATGTGGAATACACAGGAGCT 480
D 421 ATGAGTGTGAATGAACCCCGGCGATGCCAACACAGATGTGGAATACACAGGAGCT 480
QY 481 ACAAGTGTCTTGGCTCAGTGGCCACATGCTCAAGCCAGATGCTAGTGTGAACTCTA 540
D 481 ACAAGTGTCTTGGCTCAGTGGCCACATGCTCAAGCCAGATGCTAGTGTGAACTCTA 540
QY 541 GGACATGTGCCATGATAAATGTTCAGTACAGCTGTGAAGACACAGAGAGAGGCGCCACAGT 600
D 541 GGACATGTGCCATGATAAATGTTCAGTACAGCTGTGAAGACACAGAGAGAGGCGCCACAGT 600
QY 601 GCCTGTGTCCATCTCAGGACTCGGCTGGCCCAATGGAGAGACTGTCTAGATATTG 660
D 601 GCCTGTGTCCATCTCAGGACTCGGCTGGCCCAATGGAGAGACTGTCTAGATATTG 660
QY 661 ATGAATGTSCCTCTGGTAAAGTCACTGTCCCTACAACTCGAAGATGTGAAACACATTTG 720
D 661 ATGAATGTSCCTCTGGTAAAGTCACTGTCCCTACAACTCGAAGATGTGAAACACATTTG 720
QY 721 GNAGCTACTACTGMAATGTCAATGGTTTCGAACTGCAATATATATCAGTGGAGATATG 780
D 721 GNAGCTACTACTGMAATGTCAATGGTTTCGAACTGCAATATATATCAGTGGAGATATG 780
QY 781 ACTGTATAGATATAAATGAATGTACTATGATAGCCATAGTGCAGCCACCATGCCAAAT 840
D 781 ACTGTATAGATATAAATGAATGTACTATGATAGCCATAGTGCAGCCACCATGCCAAAT 840
QY 841 GCTTCAATACCCAGGGTCTTCAAGTGTAAATGCAAGCAGGAGATATAAGGCAATGGAC 900
D 841 GCTTCAATACCCAGGGTCTTCAAGTGTAAATGCAAGCAGGAGATATAAGGCAATGGAC 900
QY 901 TTCCGTTGTTCTGCTATCCCTGAAATTTCTGTGAAGGAAGTCTCAGAGCACCTGGTACCA 960
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D 901 TTCCGTTGTTCTGCTATCCCTGAAATTTCTGTGAAGGAAGTCTCAGAGCACCTGGTACCA 960
QY 961 TCAAGACAGAAATCAAGAAAGTTGCTTGTCTCAAAAACAGCATGAAAGAGGCAAAA 1020
D 961 TCAAGACAGAAATCAAGAAAGTTGCTTGTCTCAAAAACAGCATGAAAGAGGCAAAA 1020
QY 1021 TTAARAATGTTACCCNAGAACCCACAGGACTCTACCCCTAAGGTGAAGTTGACGCCCT 1080
D 1021 TTAARAATGTTACCCNAGAACCCACAGGACTCTACCCCTAAGGTGAAGTTGACGCCCT 1080
QY 1081 TCAACTATGAAGAGATAGTTTTCAGAGCGGGAATCTCTCATCGAGGTAAAAAGGAATG 1140
D 1081 TCAACTATGAAGAGATAGTTTTCAGAGCGGGAATCTCTCATCGAGGTAAAAAGGAATG 1140
QY 1141 AAGGAAATCAAGAGAGGGCTTGAGGATGAGAAAGAGAGAGAGAGCCCTCAAGAAATGA 1200
D 1141 AAGGAAATCAAGAGAGGGCTTGAGGATGAGAAAGAGAGAGAGAGCCCTCAAGAAATGA 1200
QY 1201 CATAGAGAGCGAAGCCTGCGAGGAGATGTGTTTTTCCCTAAGGTGAATGAAGCAGGTGA 1260
D 1201 CATAGAGAGCGAAGCCTGCGAGGAGATGTGTTTTTCCCTAAGGTGAATGAAGCAGGTGA 1260
QY 1261 ATTGGGCTGATTCTGCTCAAGGAAAGCGCTAATCTCCAACTGGAAACATATAAGATTT 1320
D 1261 ATTGGGCTGATTCTGCTCAAGGAAAGCGCTAATCTCCAACTGGAAACATATAAGATTT 1320
QY 1321 AAATATCTCGGTTGACTGCGAGCTTCAATCATGGGATCTGTGACTGGAAACAGGATAGAGA 1380
D 1321 AAATATCTCGGTTGACTGCGAGCTTCAATCATGGGATCTGTGACTGGAAACAGGATAGAGA 1380
QY 1381 AGATGATTTGACTGGAATCTGCTGATCGAGATTAATGCTATTTGGCTTCTATATGGCAGT 1440
D 1381 AGATGATTTGACTGGAATCTGCTGATCGAGATTAATGCTATTTGGCTTCTATATGGCAGT 1440
QY 1441 TCGGGCTCTGGCAGGTCAACAAGAAAGACATTCGGCGATTGAAACTTCTCTACCTGACCT 1500
D 1441 TCGGGCTCTGGCAGGTCAACAAGAAAGACATTCGGCGATTGAAACTTCTCTACCTGACCT 1500
QY 1501 GCAACCCCAAGCAACTTCTGTTTGTCTTGTGATTAACGGCTGGCGGAGACAAAGTCGG 1560
D 1501 GCAACCCCAAGCAACTTCTGTTTGTCTTGTGATTAACGGCTGGCGGAGACAAAGTCGG 1560
QY 1561 GAAACTTCGAGTGTGTTGAAAAACAGTAACATGCGCATGGGATGGGAGAACACACAG 1620
D 1561 GAAACTTCGAGTGTGTTGAAAAACAGTAACATGCGCATGGGATGGGAGAACACACAG 1620
QY 1621 TGAGGATGAAAAAGTGAAGACAGGGAATTCAGTTGTATCAAGAACTGATGCTACCA 1680
D 1621 TGAGGATGAAAAAGTGAAGACAGGGAATTCAGTTGTATCAAGAACTGATGCTACCA 1680
QY 1681 AAGCATCATTTTTGAAAGCAGAACGTGCGCAAGGCGCAAAACCGCGGAAATCGCAGTGGATGG 1740
D 1681 AAGCATCATTTTTGAAAGCAGAACGTGCGCAAGGCGCAAAACCGCGGAAATCGCAGTGGATGG 1740
QY 1741 CGTCTGCTTGTTCAGGCTTATGTCAGATAGCCCTTTTATCTGTGGATGACTGAATGTT 1800
D 1741 CGTCTGCTTGTTCAGGCTTATGTCAGATAGCCCTTTTATCTGTGGATGACTGAATGTT 1800
QY 1801 ACTATCTTTATATTTGACTTTGATGTCAGTTGCCCTGGTTTTTTTGTATTTGATTCATCATAG 1860
D 1801 ACTATCTTTATATTTGACTTTGATGTCAGTTGCCCTGGTTTTTTTGTATTTGATTCATCATAG 1860
QY 1861 GACCTCTGGCAATTTAGAAATTTACTAGCTGAAAAATTTGTAATGTACCAACAGAAATATTAT 1920
D 1861 GACCTCTGGCAATTTAGAAATTTACTAGCTGAAAAATTTGTAATGTACCAACAGAAATATTAT 1920
QY 1921 TGTAAAGTGCCTTCTGTTATAGATATGCCATATTTGCTTTTAAATATCATATCACCTGT 1980
D 1921 TGTAAAGTGCCTTCTGTTATAGATATGCCATATTTGCTTTTAAATATCATATCACCTGT 1980
QY 1981 ATCTTCTCAGTCATTTCTGAAATCTTTCCNCAATTTATATATAAAATNTGGAANGTCAGTT 2040
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Db 1981 ATCTTCTCAGTCATTTCTGAATCTTTCCNCAATATATATAAAATNTGAAANGTCAGTT 2040
Qy 2041 TATCTCCCTCCCTCNGTATATCTGATTTGTATANGTANGTTGATNGCTTCTCTCTACAA 2100
Db 2041 TATCTCCCTCCCTCNGTATATCTGATTTGTATANGTANGTTGATNGCTTCTCTCTACAA 2100
Qy 2101 CATTTCTAGAAAATAGAAAAAAGACACAGAGAAATGTTTAACTGTTTGACTCTTATGAT 2160
Db 2101 CATTTCTAGAAAATAGAAAAAAGACACAGAGAAATGTTTAACTGTTTGACTCTTATGAT 2160
Qy 2161 ACTTCTTGAAAATCTAGACATCAAGATAGACTTTTGCCCTAAAGTGGCTTAGCTGGGTCTT 2220
Db 2161 ACTTCTTGAAAATCTAGACATCAAGATAGACTTTTGCCCTAAAGTGGCTTAGCTGGGTCTT 2220
Qy 2221 TCATAGCAAACTGTATATATTTAAATCTTTGTAATAATAA 2260
Db 2221 TCATAGCAAACTGTATATATTTAAATCTTTGTAATAATAA 2260

RESULT 57

US-10-017-191A-118

Sequence 118, Application US/10017191A

Publication No. US20030170254A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavini, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tamas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C62
CURRENT APPLICATION NUMBER: US/10/017,191A
CURRENT FILING DATE: 2001-10-24
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
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PRIOR FILING DATE: 1998-03-10
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PRIOR FILING DATE: 1998-03-11
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PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082569
PRIOR FILING DATE: 1998-04-21

;; PRIOR APPLICATION NUMBER: 60/082704
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;; PRIOR APPLICATION NUMBER: 60/083558
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083559
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083500
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083742
;; PRIOR FILING DATE: 1998-04-30
;; PRIOR APPLICATION NUMBER: 60/084366
;; PRIOR FILING DATE: 1998-05-05
;; PRIOR APPLICATION NUMBER: 60/084414
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;; PRIOR APPLICATION NUMBER: 60/084441
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;; PRIOR APPLICATION NUMBER: 60/084637
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;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084643
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/085339
;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085338
;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085323
;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085582
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085700
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085689
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085579
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085580
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085573
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085704

;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085697
Query Match 99.7%; Score 2253; DB 15; Length 2260;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 CGGACCGGTGGGTGGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGAGAGGCGCGG 60
Db 1 CGGACCGGTGGGTGGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGAGAGGCGCGG 60
Qy 61 GCTTAGCTCTACGGGGTCCGGCCCGCGCCCTCCGAGCGGGGCTCAGGAGGAGGAGGA 120
Db 61 GCTTAGCTCTACGGGGTCCGGCCCGCGCCCTCCGAGCGGGGCTCAGGAGGAGGAGGA 120
Qy 121 GGACCCGTGGGAGATGCTCTGCGCTTGAGAGCTTTCGCTCCGCTGCTCTCTCTCTGG 180
Db 121 GGACCCGTGGGAGATGCTCTGCGCTTGAGAGCTTTCGCTCCGCTGCTCTCTCTCTGG 180
Qy 181 TGGCAGGTGTTTTCGGGAACGGGCGGCGGCGGCGGCTCAGGGGTTGTAGCATCGGCAC 240
Db 181 TGGCAGGTGTTTTCGGGAACGGGCGGCGGCGGCGGCTCAGGGGTTGTAGCATCGGCAC 240
Qy 241 GTCAGCTCGGGTCTGTCTATGGAACATAACTGGCTGCTGCTACGGGTGAGAGAA 300
Db 241 GTCAGCTCGGGTCTGTCTATGGAACATAACTGGCTGCTGCTACGGGTGAGAGAA 300
Qy 301 ACAGCAAGGAGTCTGTGAAGCTACATGCGAACCTGGATGTAAGTTTGTGAGTCCGTGG 360
Db 301 ACAGCAAGGAGTCTGTGAAGCTACATGCGAACCTGGATGTAAGTTTGTGAGTCCGTGG 360
Qy 361 GACCAACCAATGCAGATGCTTTCCAGGATACACCGGGGAAACCTGCGAGTCAAGATGGA 420
Db 361 GACCAACCAATGCAGATGCTTTCCAGGATACACCGGGGAAACCTGCGAGTCAAGATGGA 420
Qy 421 ATGAGTGTGAATGAATGAATGCAATGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGG 480
Db 421 ATGAGTGTGAATGAATGAATGCAATGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGG 480
Qy 481 ACAAGTGTCTTTGCGCTCAGTGGCGCACATGCTCATGCGAGATGCTGCTGTGAACTCTA 540
Db 481 ACAAGTGTCTTTGCGCTCAGTGGCGCACATGCTCATGCGAGATGCTGCTGTGAACTCTA 540
Qy 541 GGACATGTGCCATGATGAATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 600
Db 541 GGACATGTGCCATGATGAATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 600
Qy 601 GCCTGTGTCATCTCAGGACTCCGGCTCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGG 660
Db 601 GCCTGTGTCATCTCAGGACTCCGGCTCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGG 660
Qy 661 ATGAATGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 720
Db 661 ATGAATGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 720
Qy 721 GAGCTACTACTGCAATGTCAATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 780
Db 721 GAGCTACTACTGCAATGTCAATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 780
Qy 781 ACTGTATAGATATAAATGAATGATGATGATGATGATGATGATGATGATGATGATGATGAT 840
Db 781 ACTGTATAGATATAAATGAATGATGATGATGATGATGATGATGATGATGATGATGATGAT 840
Qy 841 GCTTCAATACCCAGGGTCTTCAAGTGAATGCAAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 900
Db 841 GCTTCAATACCCAGGGTCTTCAAGTGAATGCAAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 900
Qy 901 TTCGGTGTCTGCTATCCCTGAGAAATTTGTGAAGAACTCTCAGAGCACTGTGTACCA 960
Db 901 TTCGGTGTCTGCTATCCCTGAGAAATTTGTGAAGAACTCTCAGAGCACTGTGTACCA 960
Qy 961 TCRAAGCAGATCAAGAGTGTCTGCTCAGCAAAACAGCATGAAAGAGGAGGAGGAGGAGGAG 1020
Db 961 TCRAAGCAGATCAAGAGTGTCTGCTCAGCAAAACAGCATGAAAGAGGAGGAGGAGGAGGAG 1020

; SEQ ID NO 118									
; LENGTH: 2260									
; TYPE: DNA									
; ORGANISM: Homo sapiens									
; FEATURE:									
; NAME/KEY: unsure									
; LOCATION: 2009, 2026, 2033, 2055, 2074, 2078, 2086									
; OTHER INFORMATION: unknown base									
US-10-143-028A-118									
Query Match									
Best Local Similarity 100.0%; Pred. No. 0;									
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;									
Qy	1	CGGACGGTGGTTCGAGTGGAGGAGGAGCCGAGCGGCTGAGGAGAGAGCGGGG	60						
Db	1	CGGACGGTGGTTCGAGTGGAGGAGGAGCCGAGCGGCTGAGGAGAGAGCGGGG	60						
Qy	61	GCTTAGCTGTACCGGGTCCGGCGCGCCCTCCGAGGGGGGCTCAGGAGGAGGAGA	120						
Db	61	GCTTAGCTGTACCGGGTCCGGCGCGCCCTCCGAGGGGGGCTCAGGAGGAGGAGA	120						
Qy	121	GGACCCGTGGAGATGCTCTGCTGCTGAGAGCTTGGGCTCCCGCTGCTCTCTCTGG	180						
Db	121	GGACCCGTGGAGATGCTCTGCTGCTGAGAGCTTGGGCTCCCGCTGCTCTCTCTGG	180						
Qy	181	TGGCAGGTGTTTCGGGAAACGGCGCAGTGCAGAGGCATCACGGTGTGTAGCATCGGC	240						
Db	181	TGGCAGGTGTTTCGGGAAACGGCGCAGTGCAGAGGCATCACGGTGTGTAGCATCGGC	240						
Qy	241	GTACAGCTGGGGTCTGTCACTATGGAACTAACTGSCCTGCTACTAGCGCTGGAGAA	300						
Db	241	GTACAGCTGGGGTCTGTCACTATGGAACTAACTGSCCTGCTACTAGCGCTGGAGAA	300						
Qy	301	ACACGAGGAGTCTGGAAGTACATGCGAATCGAATCGAGTGAAGTGGTGGTGGTGG	360						
Db	301	ACACGAGGAGTCTGGAAGTACATGCGAATCGAATCGAGTGAAGTGGTGGTGGTGG	360						
Qy	361	GACCAAAACAAATGAGATGCTTCCAGGATACACCGGGAAACCTGCAATGAATGTA	420						
Db	361	GACCAAAACAAATGAGATGCTTCCAGGATACACCGGGAAACCTGCAATGAATGTA	420						
Qy	421	ATGAGTGGAGTGAAGTGAAGTACATGCGAATCGAATCGAGTGAAGTGAAGTGA	480						
Db	421	ATGAGTGGAGTGAAGTGAAGTACATGCGAATCGAATCGAGTGAAGTGAAGTGA	480						
Qy	481	ACAAAGTCTTTTGGCTCAGTGGGACATGCTGATGCGAGATGCTATGCGAGTCTA	540						
Db	481	ACAAAGTCTTTTGGCTCAGTGGGACATGCTGATGCGAGATGCTATGCGAGTCTA	540						
Qy	541	GGACATGGCCATGATAACTGTCAGTACAGCTGTGAGACACAGAGGCGCCAGT	600						
Db	541	GGACATGGCCATGATAACTGTCAGTACAGCTGTGAGACACAGAGGCGCCAGT	600						
Qy	601	GCTTGTGTCCATCTCAGGACTCGGCTGCGCCCAATGGAAGACTGTCTAGATATTG	660						
Db	601	GCTTGTGTCCATCTCAGGACTCGGCTGCGCCCAATGGAAGACTGTCTAGATATTG	660						
Qy	661	ATGAATGTGCTGTGTAAGTCACTGTCCCTACAAATCGAAGTGTGACACATTTG	720						
Db	661	ATGAATGTGCTGTGTAAGTCACTGTCCCTACAAATCGAAGTGTGACACATTTG	720						
Qy	721	GAAGCTACTACTGCAAAATGTACATGCTTTCGAATGCAATATATCAGTGGACGATG	780						
Db	721	GAAGCTACTACTGCAAAATGTACATGCTTTCGAATGCAATATATCAGTGGACGATG	780						
Qy	781	ACTGTATAGATATAAATGAATGTAATGATAGCCATACGTGCGCCACCATGCCAATT	840						
Db	781	ACTGTATAGATATAAATGAATGTAATGATAGCCATACGTGCGCCACCATGCCAATT	840						
Qy	841	GCTTCAATACCAAGGGTCTTCAAGTGTAAATGCAAGCAGGATATAAAGCGCAATGGAC	900						
Db	841	GCTTCAATACCAAGGGTCTTCAAGTGTAAATGCAAGCAGGATATAAAGCGCAATGGAC	900						

Qy	901	TTCCGTTGTTCTGCTATCCCTGAAAAATTTGTGAGGAAGTCTCTCAGACCACTGTTACCA	960
Db	901	TTCCGTTGTTCTGCTATCCCTGAAAAATTTGTGAGGAAGTCTCTCAGACCACTGTTACCA	960
Qy	961	TCAAAGACAGATCAAGATGTTGCTTCTCAAAAACAGCATGAAAAGAGGACCAAAA	1020
Db	961	TCAAAGACAGATCAAGATGTTGCTTCTCAAAAACAGCATGAAAAGAGGACCAAAA	1020
Qy	1021	TTAAAAATGTTACCCAGAACCCACAGGACTCTCCACCCTTAAGGTGAACCTTCAGACCCCT	1080
Db	1021	TTAAAAATGTTACCCAGAACCCACAGGACTCTCCACCCTTAAGGTGAACCTTCAGACCCCT	1080
Qy	1081	TCAACTATCAAGAGATGTTTCCAGAGGGGGAATCTCTCATGCGGTAAAAAAGGGAATG	1140
Db	1081	TCAACTATCAAGAGATGTTTCCAGAGGGGGAATCTCTCATGCGGTAAAAAAGGGAATG	1140
Qy	1141	AAGAGAAATGAAAGAGGGGCTTTGAGGATGAGAAAAGAGAAAGCCCTGAAAGATGA	1200
Db	1141	AAGAGAAATGAAAGAGGGGCTTTGAGGATGAGAAAAGAGAAAGCCCTGAAAGATGA	1200
Qy	1201	CATAGAGGAGCGAGCTCGAGGAGATGTTTTCCTTAAGGTGAATGAGCAGGTGA	1260
Db	1201	CATAGAGGAGCGAGCTCGAGGAGATGTTTTCCTTAAGGTGAATGAGCAGGTGA	1260
Qy	1261	ATTCCGCTGATTTCTGCTCCAAAGGAAAGCGCTAACTTCCAAACTGGAAACATAAAGATTT	1320
Db	1261	ATTCCGCTGATTTCTGCTCCAAAGGAAAGCGCTAACTTCCAAACTGGAAACATAAAGATTT	1320
Qy	1321	AAATATCTCGTTGACTGAGCTTCAATCATGAGGATCTGTGACTGGAAACAGGATAGAGA	1380
Db	1321	AAATATCTCGTTGACTGAGCTTCAATCATGAGGATCTGTGACTGGAAACAGGATAGAGA	1380
Qy	1381	AGATGATTTTGAATGCTGCTGATCGAGATAATGCTATTGGCTTCTATATGGCAGT	1440
Db	1381	AGATGATTTTGAATGCTGCTGATCGAGATAATGCTATTGGCTTCTATATGGCAGT	1440
Qy	1441	TCGGGCTTTGGCAGGTGCAAGAAAGACATTTGGCGGCTGGCGGAGACAAAGTCGG	1500
Db	1441	TCGGGCTTTGGCAGGTGCAAGAAAGACATTTGGCGGCTGGCGGAGACAAAGTCGG	1500
Qy	1501	GCAACCCCAAGCAACTTCTGTTGCTTTTTCATTCACCGGCTGGCGGAGACAAAGTCGG	1560
Db	1501	GCAACCCCAAGCAACTTCTGTTGCTTTTTCATTCACCGGCTGGCGGAGACAAAGTCGG	1560
Qy	1561	GAAACTTCGAGTGTGTAAGGAAACAGTAAACAATGCTGCGATGGGAGAGACCAAG	1620
Db	1561	GAAACTTCGAGTGTGTAAGGAAACAGTAAACAATGCTGCGATGGGAGAGACCAAG	1620
Qy	1621	TGAGGATGAAAAGTGAAGAGGAGGAAATTCAGTTGTATCAAGGAACTGATGCTACCAA	1680
Db	1621	TGAGGATGAAAAGTGAAGAGGAGGAAATTCAGTTGTATCAAGGAACTGATGCTACCAA	1680
Qy	1681	AAGCATCATTTTGAAGCAGAACGTTGGCAAGGGGCAAAACCGGCGAAATCGCAGTGGATGG	1740
Db	1681	AAGCATCATTTTGAAGCAGAACGTTGGCAAGGGGCAAAACCGGCGAAATCGCAGTGGATGG	1740
Qy	1741	CGTCTGCTGTTTTCAGGCTTATGTCACATAGACCTTTTATCTGTGGATGACTGATGTT	1800
Db	1741	CGTCTGCTGTTTTCAGGCTTATGTCACATAGACCTTTTATCTGTGGATGACTGATGTT	1800
Qy	1801	ACTATCTTTATATTTGACTTTGTATGCTAGTTCCCTGGTTTTTTTGAATTTGATCATATAG	1860
Db	1801	ACTATCTTTATATTTGACTTTGTATGCTAGTTCCCTGGTTTTTTTGAATTTGATCATATAG	1860
Qy	1861	GACCTCTGGCAATTTAGATTTACTAGCTGAAAATTTGTAATGTACCAAGAAAATTTAT	1920
Db	1861	GACCTCTGGCAATTTAGATTTACTAGCTGAAAATTTGTAATGTACCAAGAAAATTTAT	1920
Qy	1921	TGTAAGATGCTTTCTTGTATAGATATGCCAATATTTGCTTTTAAATATCATATCACTGT	1980
Db	1921	TGTAAGATGCTTTCTTGTATAGATATGCCAATATTTGCTTTTAAATATCATATCACTGT	1980

QY	1981	ATCTTCTCAGTCATTCTTGAATCTTTCCNCATTTATATATATAAAATNTGGAAANGTCAGTT	2040
Db	1981	ATCTTCTCAGTCATTCTTGAATCTTTCCNCATTTATATATATAAAATNTGGAAANGTCAGTT	2040
QY	2041	TATCTCCCTCCTCCTCNGTATATCTGATTTGTATATANGTCTTCTCTCTACAA	2100
Db	2041	TATCTCCCTCCTCCTCNGTATATCTGATTTGTATATANGTCTTCTCTCTACAA	2100
QY	2101	CATTCTTAGAAAATAGAAAAAGACACAGAGAAATGTTTAACTGTTTGACTCTTATGAT	2160
Db	2101	CATTCTTAGAAAATAGAAAAAGACACAGAGAAATGTTTAACTGTTTGACTCTTATGAT	2160
QY	2161	ACTTCTTGGAAACTATGACATCAAAAGATAGACATTTTGGCCCTAAAGTGGCTTAGCTGGGCTTT	2220
Db	2161	ACTTCTTGGAAACTATGACATCAAAAGATAGACATTTTGGCCCTAAAGTGGCTTAGCTGGGCTTT	2220
QY	2221	TCATAGCCAAACTGCTATATTTAACTCTTTGTAATAATAA	2260
Db	2221	TCATAGCCAAACTGCTATATTTAACTCTTTGTAATAATAA	2260

RESULT 59

US-10-143-029A-118

; Sequence 118, Application US/10143029A

; Publication No. US20030180311A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi

; APPLICANT: Baker Kevin P.

; APPLICANT: Botstein, David

; APPLICANT: Desnoyers, Luc

; APPLICANT: Eaton, Dan

; APPLICANT: Ferrara, Napoleon

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Fong, Sherman

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, J. Christopher

; APPLICANT: Gurney, Austin L.

; APPLICANT: Hillan, Kenneth J

; APPLICANT: Kljavin, Ivar J.

; APPLICANT: Kuo, Sophia S.

; APPLICANT: Napier, Mary A.

; APPLICANT: Pan, James;

; APPLICANT: Paoni, Nicholas F.

; APPLICANT: Roy, Margaret Ann

; APPLICANT: Shelton, David L.

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Williams, P. Mickey

; APPLICANT: Wood, William I.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

; TITLE OF INVENTION: Acids Encoding the Same

; FILE REFERENCE: P2630PIC54

; CURRENT APPLICATION NUMBER: US/10/143,029A

; CURRENT FILING DATE: 2001-10-19

; PRIOR APPLICATION NUMBER: 09/918585

; PRIOR FILING DATE: 2001-07-30

; PRIOR APPLICATION NUMBER: 60/062250

; PRIOR FILING DATE: 1997-10-17

; PRIOR APPLICATION NUMBER: 60/064249

; PRIOR FILING DATE: 1997-11-03

; PRIOR APPLICATION NUMBER: 60/065311

; PRIOR FILING DATE: 1997-11-13

; PRIOR APPLICATION NUMBER: 60/066364

; PRIOR FILING DATE: 1997-11-21

; PRIOR APPLICATION NUMBER: 60/077450

; PRIOR FILING DATE: 1998-03-10

; PRIOR APPLICATION NUMBER: 60/077632

; PRIOR FILING DATE: 1998-03-11

; PRIOR APPLICATION NUMBER: 60/077641

; PRIOR APPLICATION NUMBER: 60/082569
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/082704
; PRIOR FILING DATE: 1998-04-22
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; PRIOR APPLICATION NUMBER: 60/082797
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082796
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; PRIOR APPLICATION NUMBER: 60/085697

Query Match 99.7%; Score 2253; DB 15; Length 2260;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGACCGCTGGGTGGAGCGGAGCGGACCCGAGCGGCTGAGGAGAGAGGCGCGC 60
Db |||||
Qy 1 CGACCGCTGGGTGGAGCGGAGCGGACCCGAGCGGCTGAGGAGAGAGGCGCGC 60
Db |||||
Qy 61 GCTTAGCTCTACGGGGTCCGGCCCGGCGCCCTCCGAGGGGGCTCAGGAGGAGGA 120
Db |||||
Qy 121 GACCCGCTGGAGATGCTCTCCCTCGAGCGCTGCGCTCCCGCTGCTCTCTCGG 180
Db |||||
Qy 121 GACCCGCTGGAGATGCTCTCCCTCGAGCGCTGCGCTCCCGCTGCTCTCTCGG 180
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Qy 181 TGGCAGGTGTTTCGGGAAACGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGG 240
Db |||||
Qy 241 GTCAGCTGGGTCTCTCACTATGAACTTAACTGCGCTGCTACGCTGGAAGAA 300
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Qy 241 GTCAGCTGGGTCTCTCACTATGAACTTAACTGCGCTGCTACGCTGGAAGAA 300
Db |||||
Qy 301 ACAGCAAGGAGTCTGTGAAGCTTACATGCGAACTCGGATGTAAGTTTGGTGGTGG 360
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Qy 301 ACAGCAAGGAGTCTGTGAAGCTTACATGCGAACTCGGATGTAAGTTTGGTGGTGG 360
Db |||||
Qy 361 GACCAACAATGACATGCTTTCAGGATACACGGGAAACCTGCGTCAAGATGGA 420
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Qy 361 GACCAACAATGACATGCTTTCAGGATACACGGGAAACCTGCGTCAAGATGGA 420
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Qy 421 ATGAGTGTGAATGAAACCCCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGG 480
Db |||||
Qy 481 ACAAGTCTTTTGGCTCAGTGGGCACTGCTATGCGAGATGCTACGCTGCTGCTGTA 540
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Qy 541 GGACATGTGCATGATAAATGTCAGTACAGTGTGAAGACACAGAGAGGGGCCACGT 600
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Qy 601 GCCTGTCTCCATCTCAGGACTCCGCTGGCCCGGCGGCGGCGGCGGCGGCGGCGG 660
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Qy 661 ATGAATGTGCTTGGTAAAGTCTATGTCCTTACATCGAGATGTGAACACATTTG 720
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Qy 661 ATGAATGTGCTTGGTAAAGTCTATGTCCTTACATCGAGATGTGAACACATTTG 720
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Qy 721 GAAGTCTACTGCAAAATGTCATTTGGTTTGAATGCAATATATCAGTGGACGATG 780
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Qy 721 GAAGTCTACTGCAAAATGTCATTTGGTTTGAATGCAATATATCAGTGGACGATG 780
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Qy 781 ACTGTATAGATATAAATGATGATGATGATGATGATGATGATGATGATGATGATG 840
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Qy 781 ACTGTATAGATATAAATGATGATGATGATGATGATGATGATGATGATGATGATG 840
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Qy 841 GCTTCAATAACCAAGGGTCTTCAAGTGTAAATGCAAGCGAGGGATATAAGGCAATGGAC 900
Db |||||
Qy 901 TTCGGTGTCTGCTATCCCTGAAATTTCTGTGAAGGAAAGTCTCAGAGCACTGGTACCA 960
Db |||||
Qy 901 TTCGGTGTCTGCTATCCCTGAAATTTCTGTGAAGGAAAGTCTCAGAGCACTGGTACCA 960
Db |||||

961 TCAAGACAGAAATCAAGAAATGCTGCTCAACAAAACAGATGAAAAGAGGCAAAA 1020
961 TCAAGACAGAAATCAAGAAATGCTGCTCAACAAAACAGATGAAAAGAGGCAAAA 1020
1021 TTAATAATGTTACCCAGAACCCACAGAGCTCTTACCCCTTAAGTGAATCTGAGCCCT 1080
1021 TTAATAATGTTACCCAGAACCCACAGAGCTCTTACCCCTTAAGTGAATCTGAGCCCT 1080
1081 TCAACTATGAAGAGATAGTTTTCAGAGGCGGGAATCTCTCATGGAGGTAAAAAGGGAATG 1140
1081 TCAACTATGAAGAGATAGTTTTCAGAGGCGGGAATCTCTCATGGAGGTAAAAAGGGAATG 1140
1141 AAGAGAAATGAAGAGGGGCTTGAGATGAGAAAGAGAGAAAGCCCTGAAGATGA 1200
1141 AAGAGAAATGAAGAGGGGCTTGAGATGAGAAAGAGAGAAAGCCCTGAAGATGA 1200
1201 CATAGAGGAGCAAGCTCGAGAGATCTGTTTTCCCTAAGGTGAATGAAGCAGGTGA 1260
1201 CATAGAGGAGCAAGCTCGAGAGATCTGTTTTCCCTAAGGTGAATGAAGCAGGTGA 1260
1261 ATTCCGGCTGATTTCTGGTCCAAAGGAAAGCGCTAACTTCCAAACTGGAACATAAAGATT 1320
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1321 AAATATCTCGGTTGACTGAGCTTCAATCATGGATCTGTGACTGGATGAAACAGATAGAGA 1380
1321 AAATATCTCGGTTGACTGAGCTTCAATCATGGATCTGTGACTGGATGAAACAGATAGAGA 1380
1381 AGATGATTTTGAATGGAATCCTCTGATCGAGATATGCTATTGGCTTCTATATGCGCAGT 1440
1381 AGATGATTTTGAATGGAATCCTCTGATCGAGATATGCTATTGGCTTCTATATGCGCAGT 1440
1441 TCCGGCTTGGAGGTCAAGAAAGACATGCGCGATTTGAACTTCTCTACCTGACCT 1500
1441 TCCGGCTTGGAGGTCAAGAAAGACATGCGCGATTTGAACTTCTCTACCTGACCT 1500
1501 GCAACCCCAAGCAATCTCTGTTGCTCTTTGATTAACCGGCTGGCGGAGACAAAGTCGG 1560
1501 GCAACCCCAAGCAATCTCTGTTGCTCTTTGATTAACCGGCTGGCGGAGACAAAGTCGG 1560
1561 GAACTTCGAGTGTGTTGTAAGAAACAGTAAATGCGCTGGCATGGAGAAACACGAG 1620
1561 GAACTTCGAGTGTGTTGTAAGAAACAGTAAATGCGCTGGCATGGAGAAACACGAG 1620
1621 TGAGGATGAAAGTGGAGACAGGGAATTCAGTTGATCAAGGAACTGATGCTACCAA 1680
1621 TGAGGATGAAAGTGGAGACAGGGAATTCAGTTGATCAAGGAACTGATGCTACCAA 1680
1681 AAGCATCATTTTGAAGCAGAACCTGGCAAGGGCAAAACCGGCGAAATCGCAGTGGATGG 1740
1681 AAGCATCATTTTGAAGCAGAACCTGGCAAGGGCAAAACCGGCGAAATCGCAGTGGATGG 1740
1741 CGTCTGCTGTTTCAGGCTTATGTCAGATAGCTTTTATCTGTCGATGACTGAATGTT 1800
1741 CGTCTGCTGTTTCAGGCTTATGTCAGATAGCTTTTATCTGTCGATGACTGAATGTT 1800
1801 ACTATCTTTATATTGATTTGATGATGCTCCCTGGTTTTTTTGGATATGATCATCATAG 1860
1801 ACTATCTTTATATTGATTTGATGATGCTCCCTGGTTTTTTTGGATATGATCATCATAG 1860
1861 GACCTCTGGCATTTGATTAATGATGCTGAAATTAATGATGATGATGATGATGATGAT 1920
1861 GACCTCTGGCATTTGATTAATGATGCTGAAATTAATGATGATGATGATGATGATGAT 1920
1921 TGTAAGATGCTCTTCTGTTATAGATATGCAATATTTGCTTTTAAATPATCATATCATGT 1980
1921 TGTAAGATGCTCTTCTGTTATAGATATGCAATATTTGCTTTTAAATPATCATATCATGT 1980
1981 ATCTCTCAGTCAATTTCTGAATCTTCCNCAATATATATATATATATATATATATAT 2040
1981 ATCTCTCAGTCAATTTCTGAATCTTCCNCAATATATATATATATATATATATATAT 2040
2041 TATCTCCCTCCTCNGTATATCTGATTTGTATANGTANGTANGTANGTANGTANGTANGT 2100

2041 TATCTCCCTCCTCNGTATATCTGATTTGTATANGTANGTANGTANGTANGTANGTANGT 2100
2101 CATTTCTAGAAAAATAGAAAAAAGACAGAGAAATGTTAACTGTTTGAATCTTATGAT 2160
2101 CATTTCTAGAAAAATAGAAAAAAGACAGAGAAATGTTAACTGTTTGAATCTTATGAT 2160
2161 ACTTCTTGAAAACTATGATCATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGGCTTT 2220
2161 ACTTCTTGAAAACTATGATCATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGGCTTT 2220
2221 TCATAGCCAAACTCTATATTAAATTTCTTTCTTAATAATAA 2260
2221 TCATAGCCAAACTCTATATTAAATTTCTTTCTTAATAATAA 2260

RESULT 60
US-10-145-089A-118
; Sequence 118, Application US/10145089A
; Publication No. US20030180867A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Psoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C31
; CURRENT APPLICATION NUMBER: US/10/145,089A
; CURRENT FILING DATE: 2002-09-04
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12

Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 118
; LENGTH: 2260
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: unsure
; LOCATION: 209, 2026, 2033, 2055, 2074, 2078, 2086
; OTHER INFORMATION: unknown base
US-10-145-089A-118

Query Match 99.7%; Score 2253; DB 15; Length 2260;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGGACGGTGGTCCGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGAGAGAGCGGCG 60
Db 1 CGGACGGTGGTCCGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGAGAGAGCGGCG 60

Qy 61 GCTTAGCTGTACCGGGTCCGGCGCGCGCCCTCCGAGGGGGCTCAGGAGGAGGAGGA 120
Db 61 GCTTAGCTGTACCGGGTCCGGCGCGCGCCCTCCGAGGGGGCTCAGGAGGAGGAGGA 120

Qy 121 GGAACCGTGGAGAAATGCTCTGCTGCGAGCGCTTGGCGCTCCGCTGCTCTCTCTGG 180
Db 121 GGAACCGTGGAGAAATGCTCTGCTGCGAGCGCTTGGCGCTCCGCTGCTCTCTCTGG 180

Qy 181 TGGCAGGTGGTTTCGGGAAACCGCGCGAGTCAAGGCAATCACGGTGTAGCATCGGCAC 240
Db 181 TGGCAGGTGGTTTCGGGAAACCGCGCGAGTCAAGGCAATCACGGTGTAGCATCGGCAC 240

Qy 241 GTCAGCTGGGGTCTGTCACTATGAACTAACTAGCGCTCTCTACGGCTGGAGAGAA 300
Db 241 GTCAGCTGGGGTCTGTCACTATGAACTAACTAGCGCTCTCTACGGCTGGAGAGAA 300

Qy 301 ACACGAGGAGTCTGTACAGTACATCGGAACTGAGTGTAGTGTAGTGTAGTGTAGT 360
Db 301 ACACGAGGAGTCTGTAGAGTCACTGCGAACTGAGTGTAGTGTAGTGTAGTGTAGT 360

Qy 361 GACCAACAAATCAGATGCTTTCCAGGATACACCGGAAAACTCGAGTCAAGATGTA 420
Db 361 GACCAACAAATCAGATGCTTTCCAGGATACACCGGAAAACTCGAGTCAAGATGTA 420

Qy 421 ATGAGTGTGAATGAAACCGCGCGCATGCCAACAAGTGTGATACACCGGAGCT 480
Db 421 ATGAGTGTGAATGAAACCGCGCGCATGCCAACAAGTGTGATACACCGGAGCT 480

Qy 481 ACAAGTGTCTTTGCTCAGTGGCCACATGCTCATGCCAGATGCTAGTGTGAATCTTA 540
Db 481 ACAAGTGTCTTTGCTCAGTGGCCACATGCTCATGCCAGATGCTAGTGTGAATCTTA 540

Qy 541 GGCATGTGCCATGATTAACCTGCTACAGCTGTGAAGACACAGAGAGGCGGCACGT 600
Db 541 GGCATGTGCCATGATTAACCTGCTACAGCTGTGAAGACACAGAGAGGCGGCACGT 600

Qy 601 GCTGTGTCCATCTCCAGGATCCGCGCTGGCCCAAAATGGAAGAGAGTGTCTAGATATTG 660
Db 601 GCTGTGTCCATCTCCAGGATCCGCGCTGGCCCAAAATGGAAGAGAGTGTCTAGATATTG 660

Qy 661 ATGAATGTGCTCTGGTAAATGATCTGCTCCTCAATCGAAGTGTGAACACATTTG 720
Db 661 ATGAATGTGCTCTGGTAAATGATCTGCTCCTCAATCGAAGTGTGTGAACACATTTG 720

Qy 721 GAAGCTACTCTGCAAAATGTACATGTTGTTTCGAATGCAATATATCAGTGGAGATATG 780
Db 721 GAAGCTACTCTGCAAAATGTACATGTTGTTTCGAATGCAATATATCAGTGGAGATATG 780

Qy 781 ACTGTATAGATATAAATGAATGATCTATGATGATGATGATGATGATGATGATGAT 840
Db 781 ACTGTATAGATATAAATGAATGATCTATGATGATGATGATGATGATGATGATGAT 840

Qy 841 GCTTCAATCCCAAGGGTCTCTCAAGTGTAAATGCAAGCAGGGATATAAAGGCAATGGAC 900

Db 841 GCTTCAATCCCAAGGGTCTCTCAAGTGTAAATGCAAGCAGGGATATAAAGGCAATGGAC 900
Qy 901 TTCGGTGTCTGCTATCCCTGAAATTTCTGTGAAGGAAGTCTCTCAGACACCTGGTACCA 960
Db 901 TTCGGTGTCTGCTATCCCTGAAATTTCTGTGAAGGAAGTCTCTCAGACACCTGGTACCA 960

Qy 961 TCAAGACAGAAATCAAGAAGTGTCTGCTCAAAAACAGCATGAAAAAGGAGGCAAAA 1020
Db 961 TCAAGACAGAAATCAAGAAGTGTCTGCTCAAAAACAGCATGAAAAAGGAGGCAAAA 1020

Qy 1021 TTAATAATGTTACCCAGAACCCACAGGACTCTTACCCCTAAGSTGAATCTGACGCCCT 1080
Db 1021 TTAATAATGTTACCCAGAACCCACAGGACTCTTACCCCTAAGSTGAATCTGACGCCCT 1080

Qy 1081 TCAACTATGAAGAGATGTTTCCAGAGCGGAACTCTCATGGAGTAAAAAGGGAATG 1140
Db 1081 TCAACTATGAAGAGATGTTTCCAGAGCGGAACTCTCATGGAGTAAAAAGGGAATG 1140

Qy 1141 AAGAGAAATGAAAGAGGGCTTGAGGATGAGAAAGAGAGAGAAAGCCCTGAGAAATGA 1200
Db 1141 AAGAGAAATGAAAGAGGGCTTGAGGATGAGAAAGAGAGAGAAAGCCCTGAGAAATGA 1200

Qy 1201 CATAGAGGAGGAGGCTCGAGGAGATGTTTCCCTAAGGTGAATGAAGCAGGTGA 1260
Db 1201 CATAGAGGAGGAGGCTCGAGGAGATGTTTCCCTAAGGTGAATGAAGCAGGTGA 1260

Qy 1261 ATTCCGCTGATTCTGGTCCAAAGGAAAGCGCTAACTTCCAAATGGAACATAAAGATTT 1320
Db 1261 ATTCCGCTGATTCTGGTCCAAAGGAAAGCGCTAACTTCCAAATGGAACATAAAGATTT 1320

Qy 1321 AATATCTCGGTGAGTCTGAGGAGTCTCAATCATGGATCTGTGACTGGAACAGGATAGGA 1380
Db 1321 AATATCTCGGTGAGTCTGAGGAGTCTCAATCATGGATCTGTGACTGGAACAGGATAGGA 1380

Qy 1381 AGATGATTTTGAATGGAATCTCTGCTGATCGAGATAATGCTATGCTTCTATATGGCAGT 1440
Db 1381 AGATGATTTTGAATGGAATCTCTGCTGATCGAGATAATGCTATGCTTCTATATGGCAGT 1440

Qy 1441 TCGGCGCTGGCAGGTCAAGAGAAACATCTGCGGATGAAACTTCTCTACCTGACCT 1500
Db 1441 TCGGCGCTGGCAGGTCAAGAGAAACATCTGCGGATGAAACTTCTCTACCTGACCT 1500

Qy 1501 GCACCCCAAGCAACTTCTGTTGCTTCTTGTATACCGGCTGGCGGAGACAAGAGTCGG 1560
Db 1501 GCACCCCAAGCAACTTCTGTTGCTTCTTGTATACCGGCTGGCGGAGACAAGAGTCGG 1560

Qy 1561 GAAACTTCGAGTGTGTGAAACACAGTAACTGCTGCGGATGGAAGAGAGAGAGAGAG 1620
Db 1561 GAAACTTCGAGTGTGTGAAACACAGTAACTGCTGCGGATGGAAGAGAGAGAGAGAG 1620

Qy 1621 TGAGGATGAAAAAGTGAAGACAGGAAAAATTCAGTTGTATCAAGGAATGATGCTACCAA 1680
Db 1621 TGAGGATGAAAAAGTGAAGACAGGAAAAATTCAGTTGTATCAAGGAATGATGCTACCAA 1680

Qy 1681 AAGCATCAATTTTGAAGCAGAGCTGGCAGGCAAAACCGGGAATCGCAGTGGATGG 1740
Db 1681 AAGCATCAATTTTGAAGCAGAGCTGGCAGGCAAAACCGGGAATCGCAGTGGATGG 1740

Qy 1741 CGTCTGCTGTTTTCAGGCTTATGTCAGATAGCTTTTATCTGTGGATGACTGATGTT 1800
Db 1741 CGTCTGCTGTTTTCAGGCTTATGTCAGATAGCTTTTATCTGTGGATGACTGATGTT 1800

Qy 1801 ACTATCTTTATATTTGACTTTGATGTCAGTTCCTGCTGCTTTTTCATATGTCATCATAG 1860
Db 1801 ACTATCTTTATATTTGACTTTGATGTCAGTTCCTGCTGCTTTTTCATATGTCATCATAG 1860

Qy 1861 GACCTCTGGCAATTTTGAATTTACTAGCTGAAAAATTTGTAATGTACCAACAGAAATATTAT 1920
Db 1861 GACCTCTGGCAATTTTGAATTTACTAGCTGAAAAATTTGTAATGTACCAACAGAAATATTAT 1920

Qy 1921 TGTAAAGTGCCTTTTGTATGAAGATGACCAATATTTGCTTTTAAATATCATATCACTGT 1980